

**UNITED STATES DISTRICT COURT
SOUTHERN DISTRICT OF WEST VIRGINIA
AT CHARLESTON**

IN RE: ETHICON, INC., PELVIC REPAIR SYSTEM PRODUCTS LIABILITY LITIGATION THIS DOCUMENT RELATES TO WAVE 1 / TVT-O CASES	Master File No. 2:12-MD-02327 JOSEPH R. GOODWIN U.S. DISTRICT JUDGE
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RULE 26 EXPERT REPORT OF JERRY G. BLAIVAS, M.D.

The following report is provided pursuant to Rule 26 of the Federal Rules of Civil Procedure. My opinions are as follows:

I. QUALIFICATIONS

Dr. Blaivas is a board certified urologist in the state of New York. He attended Tufts College for his bachelor's degree in 1964 and Tufts University School of Medicine for his medical doctorate in 1968. He completed a urology residency in 1976 after completing a general surgery internship followed by a two year general surgery residency. He has been teaching medicine since 1976 at Tufts University School of Medicine, Columbia University, Cornell University and most recently, SUNY Downstate Medical School. Throughout his academic career, Dr. Blaivas remained a practicing surgeon in a number of hospitals in Massachusetts and New York, and is currently an attending surgeon at The New York Presbyterian Hospital and Lenox Hill Hospital.

Dr. Blaivas is one of the pioneers of sling surgery for women with sphincteric incontinence. He performed his first autologous rectus fascial sling operation in 1981 and shortly thereafter modified the technique by creating a fascial graft instead of a fascial flap which was the prevailing method at the time. The reason for this change is that the flap was tethered by its abdominal attachments such that it was very difficult to place the sling loosely enough to avoid causing urethral obstruction. Once that modification was adapted, it was much easier to place the sling without any tension at all and that principle became the guiding principle for the subsequent development of synthetic mesh slings. In 1998, Dr. Blaivas, in a peer review journal, proposed that rectus fascial sling be considered a suitable operation for all women with sphincteric incontinence. Prior to that time, it was

considered to be indicated only in women with complicated problems who had failed prior incontinence operations.

In the 1980's, Dr. Blaivas became acquainted with severe complications that resulted from synthetic mesh slings composed of Marlex and Mersilene. He performed a number of surgeries to remove these slings because of severe, refractory complications including pain, infection, erosion and urinary fistula. So difficult and problematic were these complications that Dr. Blaivas traveled to Toronto and spent some time with Ted Morgan, MD – a gynecologist who performed the largest number of these operations in the peer review literature. Dr. Morgan was considered to be a highly qualified surgeon, but even in his hands devastating complications occurred and they often occurred years after the original surgery. In the hands of less skilled surgeons, the complication rate was much higher. Dr. Blaivas discussed the surgical technique of sling surgery and methods of treating complications in great detail with Dr. Morgan. He concluded that: 1) even in the hands of a master surgeon, devastating complications could occur with synthetic slings, but rarely if ever occurred with autologous fascial (graft) slings; 2) in the hands of inexperienced surgeons, the complication rate could be unacceptably high; 3) removal of the mesh was exceedingly difficult and fraught with its own complications; 4) once a complication occurred, the chances of a successful outcome are low; and 5) the mesh itself, because it is a foreign body, contributes significantly to the complication rate. Because of these known complications and the technical difficulties performing mesh surgery, the operation fell out of favor until synthetic slings were revived, reinvented and promoted by industry through pervasive advertising and inducements to physicians to perform such surgeries.

Dr. Blaivas himself was heavily "recruited" by manufacturers of synthetic slings to become a "key opinion leader" and promote sling surgery. He was thoroughly vetted by industry representatives and Peter Petros, MD, one of the pioneers of synthetic sling surgery, spent a week with him in New York at his office and in the operating room discussing and demonstrating the theory and surgical technique of synthetic sling surgery. It was during this period of time that Dr. Blaivas decided to perform some synthetic slings in highly selected patients because the procedure could be performed so quickly and with so small an incision. Once he became adept at the technique through simulated training, he realized that there really wasn't any need for the "sling kit" that was supplied by the manufacturer. Further, he thought that the technique of passing the trocars from the vagina upwards to the abdomen was a much more dangerous technique that could lead to adjacent organ injury. So, instead, he fashioned a strip of "Gynemesh" and used a Stamey needle to pass the trocars from the abdomen to the vagina. He further modified the technique to include dissection alongside the urethra into the retropubic space, nearly eliminating the possibility of injuring the bladder or urethra or adjacent organs with the trocars.

In essence, Dr. Blaivas was using exactly the same technique he used for rectus fascial slings (which was considered the gold standard for incontinence surgery) and simply replaced the rectus fascial graft with a synthetic graft. Dr. Blaivas considered that synthetic slings, using the technique described here, could actually improve sling surgery provided that the new meshes were improved to the point that they had an acceptable safety

profile and, in fact, he opined that synthetic slings will become the standard once the bugs were worked out. But to date, that has not happened. Throughout this time (the last decade of the 20th and first decade of the 21st century), Dr. Blaivas became increasingly aware of devastating, life threatening, and life style altering complications of synthetic sling surgery and became a world renowned expert at treating those complications. He has personally operated on about 75 – 100 patients with severe synthetic mesh complications, and taken care of hundreds more who either did not elect further surgery or who simply gave up and were seeking relief from pain management experts. He has also discussed these issues with his peers. It is that experience, supported by peer-reviewed scientific literature, which forms the basis of the following opinions.

In August, 2015, Dr. Blaivas published the review article, “Safety considerations for synthetic sling surgery” in *Nature Reviews Urology*. The *Nature* family of journals is regarded as one, if not *the* premier resource for scientific research in the world.¹ Publication in *Nature Reviews Urology*, requires that the article meet strict criteria.² In its final version, the article was a herculean project - naming nine authors, spanning 29 pages, and containing 397 references. The exhaustive research presented in this paper further supports the opinions.

All of these opinions are to a reasonable degree of medical certainty. He applied the same scientific rigor that he uses in all aspects of his professional activities, including caring for patients, publishing, lecturing, consulting with other health care professionals, and serving as a litigation expert. The methodology he used in rendering my opinions is the same that he uses in his professional activities. His opinions have been consistent over time and do not differ just because they are provided for various purposes or audiences.

Dr. Blaivas’ Curriculum Vitae is attached hereto and by reference made a part hereof. Please see Exhibit “A” attached.

II. DISCUSSION OF OPINIONS

1. The Gynecare TVT-O is a polypropylene mesh product made and marketed by Ethicon to allegedly treat stress urinary incontinence (“SUI”). The product consists of:

- PROLENE® polypropylene mesh (either Mechanically Cut Mesh (“MCM”) or Laser Cut Mesh (“LCM”)) with a polyethylene sheath or covering and attached trocars / surgical devices
- A TVT introducer
- A TVT Rigid Catheter Guide

¹ “The *Nature Reviews* clinical journals commission leaders in the field to write clinical content of the highest quality, authority and accessibility. Content is subject to rigorous review by our in-house editors and/or peer-review, and counsel is provided by the Editors-in-Chief and an international Advisory Boards to ensure comprehensive coverage of topical issues.” *Nature.com* accessed 12/18/2015.

² The criteria for publication include: Timely, accurate and balanced; Important for practicing doctors, researchers and academics in the subspecialty; Interesting and accessible to practicing doctors, researchers and academics in wider specialties. *Nature.com* accessed 12/18/2015.

- Instructions for use (IFU)

2. From the time it was introduced to the market through January 2015, the IFU for the TVT-O did not change. In January 2015, Ethicon introduced a new IFU³ with some modifications, as discussed below.

3. The Gynecare TTVT-O should not have been designed for placement in a surgically contaminated field⁴ without proper animal and clinical studies to document safety and without a clear warning about the possibility of short and long term complications.⁵ Bacteria attaches to mesh during the insertion process and can cause both acute and chronic infections in women.⁶ Infection, even subclinical, can result in chronic inflammation, scarring, pain, abscess, vaginal, bladder and urethral erosion and other complications.

4. The Gynecare TTVT-O causes serious and life-style altering complications including but not limited to chronic pelvic pain syndromes, chronic dyspareunia and sexual impairment, nerve injuries, de novo urinary symptoms, infections, fistulas, urethral obstruction, urethral strictures, bladder stones, death, vaginal, urethral, and bladder erosions, pelvic organ dysfunction, pelvic anatomy distortion, and other complications. These complications often require reoperation and are sometimes permanent. Because of these complications, the risks of these devices outweigh the benefits. I also am aware of many complications including deaths, injury to the iliac artery and vein, bowel injury and ureteral injuries despite the fact that virtually none of these complications were reported in the peer review literature.⁷ Many of these complications can occur many years or even decades after the original surgery.⁸

³ 1/2015 TTVT Obturator IFU from Ethicon website

⁴ E.g., Culligan P, Heit, M., Blackwell, L., Murphy, M., Graham, C. A., & Snyder, J. Bacterial colony counts during vaginal surgery. Infectious Diseases in Obstetrics and Gynecology. 2003;11(3):161-5.

⁵ E.g., Vollebregt A, Troelstra, A., & van der Vaart, C. H. Bacterial colonisation of collagen-coated polypropylene vaginal mesh: are additional intraoperative sterility procedures useful? International Urogynecology Journal and Pelvic Floor Dysfunction. 2009; 20(11):1345-51; Choi JJ, Palaniappa, N. C., Dallas, K. B., Rudich, T. B., Colon, M. J., & Divino, C. M. Use of Mesh During Ventral Hernia Repair in Clean-Contaminated and Contaminated Cases. Annals of Surgery. 2012;255(1):176-80.

⁶ E.g., Vollebregt, 2009; Choi, 2012; Klinge U, Klosterhalfen, B., Muller, M., Ottinger, A. P., & Schumpelick, V. Shrinking of polypropylene mesh in vivo: an experimental study in dogs. The European Journal of Surgery. 1998;164(12):965-9.

⁷ E.g., Petri, 2012; Rogo-Gupta, 2013; Ross S, Robert M, Swaby C, Dederer L, Lier D, Tang S, et al. Transobturator tape compared with tension-free vaginal tape for stress incontinence: a randomized controlled trial. Obstetrics and gynecology. 2009;114(6):1287-94; Cholhan HJ, Hutchings TB, Rooney KE. Dyspareunia associated with paraurethral banding in the transobturator sling. American journal of obstetrics and gynecology.

⁸ Boyles SH, Edwards R, Gregory W, Clark A. Complications associated with transobturator sling procedures. Int Urogynecol J Pelvic Floor Dysfunct. 2007;18(1):19-22; Parnell BA, Johnson EA, Zolnour DA. Genitofemoral and perineal neuralgia after transobturator midurethral sling. Obstetrics and gynecology. 2012;119(2 Pt 2):428-31.

5. The transobturator approach, such as that used with the Gynecare TVT-O, increases the risk of nerve injury, leg pain, chronic pain, dyspareunia, and vaginal scarring/banding. Review of Ethicon documents indicate a discussion of possible modifications of the TTVT-O due to reports of postoperative pain, presumed secondary to the tape in the adductor muscles or positioning during implantation (August 2003, March 2004) and contemplated inclusion of nerve injury in Ethicon's statement of complications (November, 2004).⁹ However, neither of these proposals was adopted.¹⁰

6. The two most debilitating and challenging complication to treat are chronic pain and urinary fistulas. This pain can be located in the abdomen, pelvis, vagina, buttocks, perineum, groin, thigh, or leg. It can be acute (occurring immediately after surgery) or chronic with an insidious onset. It is often refractory to traditional treatments. It can be related to erosion; scarring; mesh deformation; entrapment or compression of large nerves with classic or atypical nerve distribution; entrapment of smaller nerve branches with diffuse distribution; muscular inflammation, scarring, trauma, and hypertonicity; visceral pain syndromes; and other complications. It can be associated with other sensory changes such as numbness and tingling.

7. Chronic Mesh Pain Syndrome (CMPS) has been described in the medical literature. The syndrome is characterized by the transformation of vaginal pain into a multi-organ system process. The pain is considerably greater and lasts longer than routine post-operative pain and treatment is extremely challenging.¹¹ The pain may continue, or even worsen, after mesh excision or revision. Completely new treatment modalities for pelvic pain have been developed as a response to this pain management challenge, including trigger point injections, nerve blocks, Botox injection, pelvic floor physical therapy, treatment with medications for chronic, neuropathic pain, and referral to contract-based pain management programs. These were extremely rarely used in urology or gynecology until the appearance of mesh-related pain.¹²

8. These and other complications may occur even in experienced hands and when proper surgical technique is used. Ethicon's marketing materials suggest that these complications occur mostly because of faulty surgical technique performed by inexperienced or poorly trained surgeons, perhaps by "over-tensioning" or misplacement. However, I have firsthand knowledge that is not the case. For example, I operated on one woman who had urethral erosion of synthetic mesh three years after it was implanted by

⁹ ETH.MESH.03803462; ETH.MESH.03364532

¹⁰ ETH.MESH.02180759; ETH.MESH.03803462; ETH.MESH.00632022; ETH.MESH.03928235

¹¹ E.g., Rogo-Gupta, 2013.

¹² E.g., Petri, 2012; Rogo-Gupta, 2013; Ross S, Robert M, Swaby C, Dederer L, Lier D, Tang S, et al. Transobturator tape compared with tension-free vaginal tape for stress incontinence: a randomized controlled trial. *Obstetrics and gynecology*. 2009;114(6):1287-94; Cholhan HJ, Hutchings TB, Rooney KE. Dyspareunia associated with paraurethral banding in the transobturator sling. *American journal of obstetrics and gynecology*;202(5):481 e1-5; Boyles SH, Edwards R, Gregory W, Clark A. Complications associated with transobturator sling procedures. *Int Urogynecol J Pelvic Floor Dysfunct*. 2007;18(1):19-22; Parnell BA, Johnson EA, Zolnoun DA. Genitofemoral and perineal neuralgia after transobturator midurethral sling. *Obstetrics and gynecology*. 2012;119(2 Pt 2):428-31.

one of our former fellows, whose expertise I am 100% confident of. Further, because of an unrelated episode of hematuria two years after implantation, she underwent cystoscopy which showed no signs of mesh erosion, yet one year later she was found to have erosion that also caused a urethral stricture. In the course of my practice, I have seen mesh complications from many world renowned experts, including physicians that Ethicon has retained as experts in litigation, and, from discussions with my colleagues, I know of many others. In the majority of cases that I see in my practice and that are reported in the literature, the device was placed in accordance with the manufacturers recommendations for placement.

9. Even the simplest complications are often more complicated than they appear. It is commonly stated that when there is extrusion of the mesh through the vaginal wall, it is quite a simple thing to just trim the edges of the exposed sling and either create small vaginal wall flaps to cover the defect or simply leave the wound open and apply estrogen. However, the studies that report successful outcomes generally have a short follow-up and the outcomes may be much worse than they appear.¹³ In my own personal experience, I have seen many patients who were treated this way who came back months, years, and even decades later with more extrusions and granulomas that proved almost impossible to “cure.”¹⁴ These persistent and recurrent erosions are also reported in the medical literature and in Ethicon’s own documents.¹⁵

10. Given the increasing number of mesh sling operations performed and the complexity of surgery to repair the complications, there are an increasing number of patients who have failed initial treatments and an increasing number of “mesh cripples”. As more slings implantations are being performed and the longevity expectations of patients are increasing, it has become apparent that unanticipated, serious, and sometimes lifestyle-altering complications can occur that are not only unique to patients with slings but are also often refractory to treatment.¹⁶ Other authors of recent peer-reviewed articles agree. Lee states that the use of synthetic material has generated novel complications, including mesh extrusion, pelvic and vaginal pain and mesh contraction, requiring a new classification system for complications relating to prosthesis insertion. He coined the term “Meshology” – an evolving field of sub-specialization dedicated to a growing population of affected women with complications from synthetic materials.¹⁷ Barski also described mesh-related complications as “a current emerging problem, which confronts all urologists and gynecologists in their daily practice.”¹⁸

¹³ E.g., Blaivas, 2015

¹⁴ E.g., Reynolds WS, Kit, L., Kaufman, M.R., Karram, M., Bales, G.T., and Dmochowski, R. Obturator Foramen Dissection for Excision of Symptomatic Transobturator Mesh. *The Journal of Urology*. 2012;187(5):1680-4.; Blaivas, 2013.

¹⁵ E.g., Petri, 2012; Abbott, 2014; Hansen, 2014; Unger, 2014; Rogo-Gupta, 2013; Shah, 2013; Dunn, 2014; Hammett, 2014; ETH.MESH.01706065 at 3.

¹⁶ Blaivas, 2015, 481.

¹⁷ Lee, 2015, 202.

¹⁸ Barski and Deng. 2015, p6.

11. The management of many sling complications is fraught with complexity and results in a high rate of persistent symptoms.¹⁹ This has been evident since the complications from the Mersilene, Marlex, Gore-Tex, and Protagen slings that were performed during the last three decades of the 20th century and more recently the Protegen and Mentor ObTape slings. Further Ethicon knew or should have known about the contemporaneous complications that were occurring with their devices and with the devices of their competitors. From a scientific and ethical perspective, Ethicon should have had a high index of suspicion relating to the product defects based on the previous experiences with other synthetic products.²⁰

12. These types of serious complications do not occur or occur very rarely in the alternative surgical treatments for stress urinary incontinence (such as autologous fascia pubovaginal slings or the Burch procedure). In my own published experience, performing thousands of rectus fascial slings, I have never injured the bladder, urethra, ureter or any adjacent organs except for two minor urethral injuries in women who had undergone multiple prior incontinence surgeries, both of which were recognized and treated at the same time without adverse sequelae. Further, as a surgeon “of last resort” I have had the opportunity to care for at least a thousand women with complications of biologic slings, retropubic suspensions and vaginal repairs of incontinence and almost never have I seen complications of the magnitude of synthetic mesh sling complications. In addition, when mesh is not involved, it is almost always possible to obtain a satisfactory result treating the complication; not so with synthetic mesh, such as the Gynecare TVT-O.²¹

13. In my capacity as a member of multiple practice guideline panels on stress incontinence and editor-in-chief of a major peer review journal, I have been intimately aware of the peer review literature as it relates to these operations and it is clear that the serious complications in the mesh sling series are far worse than with repairs using biologic products.²²

14. A “Current Opinion” review article published in 2015 acknowledges that the presence of mesh lateral to the urethra [transobturator placement] may increase the incidence of vaginal pain and dyspareunia and that the presence of mesh in the obturator

¹⁹ E.g., Deng DY, Rutman, M., Raz, S., & Rodriguez, L.V. Presentation and management of major complications of midurethral slings: Are complications underreported? *Neurology and Urodynamics*. 2007;26(1):46-52.

²⁰ E.g., ETH.MESH.00660488.

²¹ Blaivas 2011; Blandon, R., Gebhart, J., Trabuco, E., & Klingele, C. (2009). Complications from vaginally placed mesh in pelvic reconstructive surgery. *Int Urogynecol J* 20, 523-531. doi: 10.1007/s00192-009-0818-9.

²² Blaivas 2011; Hernández-Gascón, B., Peña, E., Pascual, G., Rodríguez, M., J.M. Bellón, J.M. & Calvo, B. (2012) ‘Long-term anisotropic mechanical response of surgical meshes used to repair abdominal wall defects’, *Journal of the Mechanical Behavior of Biomedical Materials*, 5 (1), p. 257–271; Ostergard, D.R. (2011) ‘Degradation, infection and heat effects on polypropylene mesh for pelvic implantation: what was known and when it was known’, *Int Urogynecol J*, 22 (7), p. 771–774; Yahi, H., Clave, A., Hammou, J. C., Gounon, P., & Cosson, M. (2007). Histological analysis of peri-prosthetic tissue of mesh explanted for complication after sui or pop surgery. *Int Urogynecol J*, 18(1.S149); Feiner, B., & Maher, C. (2010). Vaginal mesh contraction: definition, clinical presentation, and management. *Obstet Gynecol*, 115(2 Pt 1), 325-330. doi: 10.1097/AOG.0b013e3181cbca4d.

muscles and close to the adductor tendon may increase the risk of groin pain. The article also cites evidence demonstrating better cure rates and lower rates of neurologic symptoms and vaginal pain with retropubic slings (compared to transobturator slings).²³ One of the authors of this peer-reviewed paper is Charles Nager, who also co-wrote the AUGS/SUFU Position Statement on Mesh Midurethral Slings for Stress Urinary Incontinence. Unlike the Current Opinion article, the position statement does not make any distinctions between different types of slings and makes no mention of *any* complications associated with mesh sling products.^{23,24}

15. There is a knowledge gap in the area of treatment outcomes related to management of MUS complications. Published reports on long-term outcomes of patients after mesh removal surgery are limited. Most authors of studies in this area commented on the technical difficulties encountered during mesh excision surgery and the fact that many (and in some series, most) patients require two or more surgeries; thus, even in the short term, outcomes are often suboptimal. Beyond the immediate intra-operative risks lays ahead the concern for secondary urinary incontinence and its management. At least one-third of patients undergoing sling excision surgery develop recurrent SUI.

16. Treatment of persistent pain in patients with a SMUS is particularly challenging and has been entirely empirical and progressive in nature. Chronic disabling pain is one of the most common indications for mesh removal, particularly in patients fitted with TOT slings.²⁵ Barski also described the difficulty treating pain caused by mesh slings with only 28% reporting a relief of symptoms postoperatively. Particularly difficult and traumatic for the pelvic floor were the excisions of transobturator tapes, according to the Barski review.²⁶ Lee also described pelvic pain and dyspareunia (up to 24% following MUS) as a “most distressing and potentially irreversible complication to treat.”²⁷ The etiology of chronic pain after MUS surgery is multifactorial. A complex interplay of factors can be causative, including synthetic material type, nerve and muscle injury, infection, con- traction, erosion or extrusion.²⁸

17. Mesh complications are significantly under-reported.²⁹ Additionally, most patients who experience complications do not return to their original surgeons, contributing to a misperception among individual physicians that their outcomes are better than they, in fact, are.³⁰

²³ Kirby AC, et al. Midurethral slings: which should I choose and what is the evidence for use? *Curr Opin Obstet Gynecol.* 2015; 27:359-365.

²⁴ AUGS –SUFU Position Statement on Mesh Midurethral Slings for Stress Urinary Incontinence (Jan. 3, 2014).

²⁵ Blaivas, 2015, 494.

²⁶ Barski and Deng, 2015, p6.

²⁷ Lee, 2015, 202.

²⁸ Lee, 2015, 205.

²⁹ Deng, 2007; Anger, 2007.

³⁰ Blandon 2009; Rostamnia, G., Shobeiri, A., Qurioz, L.H., & Nihira, M.A. Referral pattern for vaginal mesh and graft complications to the University of Oklahoma Pelvic and Bladder Health Clinic. *J Okla State Med Assoc.* 2012; 105(9):356-8 (ISSN: 0030-1876); Ostergard, D. Lessons from the past: directions for the future. *Int Urogynecol J* (2007) 18:591-598. DOI 10.1007/s00192-007-0330-z.

18. Underreporting of SMUS complications is also well-documented in the medical literature and discussed in the Nature article. Discrepancies exist between the SMUS complication rates reported by urologists from individual institutions, those reported in the literature, the (unreported) experience of tertiary care practices and those in the MAUDE (Manufacturer and User Facility Device Experience) database.³¹ In our Nature review, we determined that approximately 88,000 removal surgeries should have been performed (based on published rates), and yet only a small fraction of such procedures are reported in the peer-reviewed literature.³² Use of imperfect research methodologies, a lack of long-term follow up and reporting bias have been suggested as causes of these differences.³³

19. The overall risk of a negative outcome after SMUS implantation surgery is $\geq 15\%$.³⁴ We calculated these minimum risks: revision surgery for erosion and obstruction alone, 5.6%; chronic pain, 4.3%; recurrent or persistent SUI, 5.3%; and *de novo* refractory OAB 3.9%. Of note, in patients requiring mesh removal, recurrence of SUI has been reported in 10–60% of individuals. Transobturator sling complications differed from retropubic sling complications in type and severity.

20. Despite the limitations in determining the exact rate of MSUS complications, other researchers have come up with similar rates in recent literature. Barski and Deng reported that “the rate of mesh-related complications is about 15–25% and mesh erosion is up to 10% for POP and SUI repair. Mesh explantation is necessary in about 1-2% of patients due to complications.”³⁵ Lee reported the incidence of chronic/persistent pain following MUS placement varies from 0 to 30%. The authors cited that Petri and Ashok reported on the management of 280 cases of late sling complications (RP 210 and TO 70). Compared with the retropubic MUS group, the TOT group had greater number of complications related to persistent pain (10% TVTs vs 32% TOT tapes), dyspareunia (3 vs 18%) and tape-related infections (4 vs 18%).³⁶ These rates are in keeping with those reported in Nature.

21. Ethicon did not warn doctors and patients about the difficulty removing their products, such as the Gynecare TVT-O, and the poor or less than optimal results when excision or revision is needed due to complications. Ethicon did not attempt to train or educate doctors on how to best treat complications when they occurred.³⁷

³¹ Blaivas 2015, 481-509, 484.

³² Blaivas 2015, 481-509, 485.

³³ Blaivas 2015, 481-509, 485.

³⁴ Evaluating the incidence, severity and consequences of the various RP and/or TOT sling complications is a daunting task. The reasons are varied include factors such as the failure of most of the thousands of articles regarding SMUS to track complications in any meaningful way; short-term follow-up and patients lost to follow-up; new, previously unrecognized complications such as banding as a cause of dyspareunia; absence of severity descriptions of pain; different complication profiles with different slings; and failure to address outcomes (including recurrent SUI) following corrective surgeries.

³⁵ Barski and Deng 2015, 2.

³⁶ Lee, 2015, 205.

³⁷ Blaivas, 2013; Unger, C., Abbot, S., Evans, J., Jallad, K., Mishra, K., Karram, M., Iglesia, C., Rardin, C., Barber, M. Outcomes following treatment for pelvic floor mesh complications. *Int Urogynecol J.* DOI 10.1007/s00192-013-2282-9.

22. Ethicon admits that the TVT-O is associated with post-operative groin pain.³⁸

23. SMUS such as the TVT-O are no more effective than autologous fascial slings and Burch colposuspension. In my own personal series and according to several peer review meta-analyses the success rate for autologous slings is comparable to synthetic mesh slings.³⁹ Further, our recently published Nature article cited objective cure rates of patients with SUI after treatment with either TOT [transobturator] or RP [retropubic] slings at or after a follow-up duration of 5 years ranged between 71% and 92%, and subjective cure rates between 65% and 90.3%. By contrast, in another investigation, 30 researchers using much more stringent outcome criteria found the 2-year objective success rate of RP and TOT slings was 77% and 72.3%, respectively and the subjective success rates were 56% and 48%.⁴⁰

24. A systematic review and meta-analysis by Ford and Ogah, published in July 2015 in the International Urogynecology Journal, also sheds light on the efficacy of SMUS in the treatment of intrinsic sphincter deficiency. In this study, there was a statistically significant difference in subjective cure rates, with the number of women reporting a cure in the transobturator group (75.4%) higher than the retropubic group (85.5%). This gives a 12 % relative risk reduction in achieving cure with the transobturator route. The need to undergo repeat incontinence surgery in the long term (≥ 5 years) was also higher with the transobturator route. Interestingly, in the eight trials that were analyzed in this review, only one reported outcome data on adverse events.⁴¹ Constantini, in a randomized controlled trial published July, 2015, also demonstrated lower cure rates with a transobturator MSUS. Subjective and objective cure rates were 59.6% and 70.2 % in the transobturator group and 75% and 87.5 % in the TVT group. The mid-to-long-term trend was a decreasing continence rate in patients who underwent TOT, compared with a stable rate for TVT.⁴² A review, published by Tommaselli in January, 2015, also found a lower subjective cure rate with transobturator slings, accompanied by an increased risk of pain.⁴³

³⁸ ETH.MESH.09170211 and accompanying video

³⁹ Ogah, J., Cody, D. J., & Rogerson, L. (2011). Minimally invasive synthetic suburethral sling operations for stress urinary incontinence in women: a short version Cochrane review. *Neurourol Urodyn*, 30(3), 284-291. doi: 10.1002/nau.20980; Wadie, B. S., Edwan, A., & Nabeeh, A. M. (2005). Autologous fascial sling polypropylene tape at short-term followup: a prospective randomized study. *J Urol*, 174(3), 990-993. doi: 10.1097/01.ju.0000169492.96167.fe; Garcia-Urena, M. A., Vega Ruiz, V., Diaz Godoy, A., Baez Perea, J. M., Marin Gomez, L. M., Carnero Hernandez, F. J., & Velasco Garcia, M. A. (2007). Differences in polypropylene shrinkage depending on mesh position in an experimental study. *Am J Surg*, 193(4), 538-542. doi:10.1016/j.amjsurg.2006.06.045.

⁴⁰ Blaivas, 2015.

⁴¹ Ford A, Ogah J. "Retropubic or transobturator mid-urethral slings for intrinsic sphincter deficiency-related stress urinary incontinence in women: a systematic review and meta-analysis." *Int Urogynecol J* DOI 10.1007/s00192-015-2797-3.

⁴² Constantini E, Kocjancic E, Lazzeri M, Giannantoni A, Zucchi A, Carbone A, Bini V, Palleschi F, Pastore A, Porena M. "Long-term efficacy of the trans-obturator and retropubic mid-urethral slings for stress urinary incontinence: update from a randomized clinical trial." *World J Urol* DOI 10.1007/s00345-015-1651-z.

⁴³ Tommaselli, G. A., C. Di Carlo, C. Formisano, A. Fabozzi, and C. Nappi. "Medium-Term and Long-Term Outcomes Following Placement of Midurethral Slings for Stress Urinary Incontinence: A Systematic Review and Metaanalysis." *Int Urogynecol J* 26, no. 9 (Sep 2015): 1253-68.

25. These studies support my opinion that alternative surgical procedures for SUI (i.e. Burch colposuspension and autologous fascial slings) are at least as effective as SMUS. They also support my opinion that SMUS do not offer any significant long-term benefit over other surgeries. In addition, these results are likely overly optimistic owing to a host of factors including the suboptimal outcome instruments used, inclusion of patients who might have required multiple procedures and the loss of a substantial number of patients to follow-up monitoring.

26. Pubovaginal slings using autologous fascia are safer than synthetic slings. Safer, at least with respect to serious complications such as lifestyle altering pain, dyspareunia, vascular, erosion, and bowel and lower urinary tract injury. Although the reported incidence of urinary retention is a bit higher, much of the data to support that comes from an era before the importance of a tension free repair was known. Using current technique, urinary retention is comparable amongst autologous and synthetic slings.⁴⁴

27. Ethicon would have known about these serious complications if proper clinical testing had been performed. Appropriate and unbiased clinical testing would have shown the problems and complications associated with synthetic slings, like the Gynecare TVT-O. Because of the known complications, many occurring years after the original surgery, well-conducted, long-term clinical trials (or a registry) would have demonstrated the extent and nature of these devastating complications.

28. Ethicon knew or should have known of these complications because of known problems associated with predicate devices. From both a scientific and ethical perspective, Ethicon should have had a high index of suspicion relating to the product defects based on previous experience with other synthetic products. Ethicon knew or should have known about the potential for serious complications from other mesh slings, because of the known experience with Mersilene, Marlex and Gore-Tex slings that were performed during the last three decades of the 20th century. Accordingly, Ethicon should have had a high index of suspicion about the possibility that the newer iterations of synthetic slings, such as Gynecare TVT-O, could cause similar or even new complications. Since many of these complications occurred many months or years after the original surgery, Ethicon should have taken appropriate measures to investigate this and also warn physicians and patients about the possibility of these late-onset complications.

29. As a practicing surgeon, educator, academician, and editor/reviewer of scientific journals, I became aware of serious complications associated with synthetic mesh earlier than physicians in community practice. Industry (including Ethicon) representatives were present at meetings in which complications were discussed by me and my colleagues. In addition, case reports appeared in the literature relatively soon after introduction of these devices and before clinical trials were completed. Further, complications appeared in the

⁴⁴ Blaivas 2011; Garcia-Urena, M. A., Vega Ruiz, V., Diaz Godoy, A., Baez Perea, J. M., Marin Gomez, L. M., Carnero Hernandez, F. J., & Velasco Garcia, M. A. (2007). Differences in polypropylene shrinkage depending on mesh position in an experimental study. *Am J Surg*, 193(4), 538-542.
doi:10.1016/j.amjsurg.2006.06.045.

MAUDE database. As evidenced by Ethicon's written materials, Ethicon downplayed these complications. There is almost always a time lag between what is known by Industry and physicians such as myself and community physicians. This is due to the time it takes for the dissemination of information and the willful withholding of information by Ethicon. Community doctors are often unable to keep up with the vast amount of and rapid changes in scientific literature. They generally rely on Industry to provide complete and accurate information to them. Based on my interactions with company representatives (including Ethicon), and company (including Ethicon) promotional materials, synthetic slings were invariably described as effective, quick, having few complications, and easy to learn and perform.

30. I have first-hand personal knowledge of mesh company representatives downplaying the complications reported with synthetic mesh in public at post graduate seminars and also when product representatives pitched their products in one-on-one encounters with surgeons. I never heard any representative caution about their occurrence or that the surgeon or patients should be so warned. This despite the fact that in every public appearance, lecture, postgraduate course, etc., I and my academic colleagues always brought up the topic for discussion. I directly spoke to representatives of Ethicon about my concerns.

31. The polypropylene mesh used in the Gynecare TVT-O flakes and cracks *in vivo*. The flaking and cracking includes particle loss and fissuring.⁴⁵ The flaking, cracking, particle loss, and fissuring lead to degradation of the polypropylene fibers and release of polypropylene shards into pelvic tissues, further worsening the body's inflammatory and fibrotic reactions to the mesh material, causing pain, dyspareunia, erosions, failure of the device, and other complications.⁴⁶

32. The Prolene mesh in the TVT-O can be either Mechanically Cut (MCM) or Laser Cut (LCM) in the manufacturing process.⁴⁷ Each carries its own unique problems for women.

33. MCM can cause problems of fraying and deformation. Numerous complaints of the MCM fraying and deforming during the implantation were reported to Ethicon.⁴⁸ Numerous complaints of the Prolene mesh in its TVT product fraying and deforming during the implantation were reported to Ethicon.⁴⁹ Between launching the (made of the

⁴⁵ E.g., DEPO.ETH.MESH.00004755; ETH.MESH.12831391; Weisberg Dep. (5/31/13) 461:7-462:3; ETH.MESH.01813975; ETH.MESH.01317508.

⁴⁶ E.g., Iakovlev, 2014; Junge K, Klinge U, Prescher A, Giboni P, Niewiera M, Schumpelick V. Elasticity of the anterior abdominal wall and impact for reparation of incisional hernias using mesh implants. Hernia: the journal of hernias and abdominal wall surgery. 2001;5(3):113-8; Clave, 2010; C.R. Costello SLB, S.A. Grant, D.S. Cleveland, T.S. Loy and B.J. Ramshaw. Characterization of Heavyweight and Lightweight Polypropylene Prosthetic Mesh Explants From a Single Patient. Surgical Innovation. 2007;14(3):168-76; ETH.MESH.01809082; ETH.MESH.05644163; ETH.MESH.01317508 at 7523.

⁴⁷ ETH.MESH.09951087; Deposition of Dan Smith, May 15, 2014, 48:11-17.

⁴⁸ E.g., ETH.MESH.03905472; ETH.MESH.02621559; ETH.MESH.01813975; ETH.MESH.05644163; ETH.MESH.01809082.

⁴⁹ E.g., ETH.MESH.03905472; ETH.MESH.02621559; ETH.MESH.01813975; ETH.MESH.05644163; ETH.MESH.01809082.

same Prolene material at the TVT-O) and November of 2003, Ethicon received 58 such complaints. According to these complaints, the fraying became more apparent when the color of the Gynecare TVT was changed from clear to blue.⁵⁰ Physicians also reported to Ethicon that the “crumbling” of the Gynecare TVT was worsened when the product was stretched or when the protective sheaths were removed during surgery.⁵¹ An Ethicon engineer stated the “root cause” of the particle loss was the mechanical cutting of the polypropylene mesh and that changing the method of cutting could significantly limit the fraying of the mesh.⁵² Ethicon documents confirm that the particle loss for the mechanical cut Gynecare TVT rates higher than the synthetic slings of other manufacturers.⁵³

34. The polypropylene mesh used in the Gynecare TVT-O deforms *in vivo*. The deformation includes curling, cording, roping, rolling, deformation, loss of pore size with tension, and fraying. This deformation leads to pain and contracture and other complications.⁵⁴ Ethicon documents clearly illustrate the Gynecare TVT roping, curling and deforming when subjected to tension or elongation.⁵⁵ The roping, curling, deformation, particle loss and degradation was greater with the mechanically cut mesh than with the laser cut mesh.⁵⁶

35. The mechanically cut Gynecare TVT-O also has “sharp edges”, which can cause adverse clinical complications in women such as erosion and abrasions and others.⁵⁷ Ethicon also received concerns from physicians that these sharp edges were causing complications in patients, including increased erosions.⁵⁸

36. LCM means that the plastic mesh is cut into strips using a laser instead a cutting blade.⁵⁹ The result is that the mesh itself is stiffer than mechanically cut mesh. In fact, an internal memo from Becky Leibowitz to Paul Parisi and Dan Smith in late 2004 found that when the laser cut mesh was stretched it became about three times stiffer than the machine-

⁵⁰ E.g., ETH.MESH.00541379; ETH.MESH.00863391; ETH.MESH.02180833; ETH.MESH.02180828.

⁵¹ E.g., ETH.MESH.02180833.

⁵² E.g., ETH.MESH.01813975.

⁵³ E.g., ETH.MESH.01221055; ETH.MESH.00585842; ETH.MESH.01219629; ETH.MESH.01221024; ETH.MESH.00585823.

⁵⁴ E.g., Klinge, 1998 (Shrinking); Feiner, 2010; Ostergard DR. Lessons from the past: directions for the future. Do new marketed surgical procedures and grafts produce ethical, personal liability, and legal concerns for physicians? Int Urogynecol J Pelvic Floor Dysfunct. 2007;18(6):591-8; Jacquetin, 2009; Tunn R, Picot A, Marschke J, Gauruder-Burmeister A. Sonomorphological evaluation of polypropylene mesh implants after vaginal mesh repair in women with cystocele or rectocele. Ultrasound in obstetrics & gynecology: the official journal of the International Society of Ultrasound in Obstetrics and Gynecology. 2007;29(4):449-52.

⁵⁵ E.g., ETH.MESH.00294195; (Moalli, P. A., et al. (2008). "Tensile properties of five commonly used mid-urethral slings relative to the TVT." Int Urogynecol J Pelvic Floor Dysfunct 19(5): 655-663); ETH.MESH.00440005; ETH.MESH.00302390.

⁵⁶ E.g., ETH.MESH.08334245; ETH.MESH 00440005; ETH.MESH 00302390.

⁵⁷ E.g., ETH.MESH.09656790.

⁵⁸ E.g., ETH.MESH.06696589; ETH.MESH.00330760; ETH.MESH.03911107; ETH.MESH.02652710; ETH.MESH.02654865; ETH.MESH.02655451; ETH.MESH.02655902; ETH.MESH.02656482; ETH.MESH.02657205; ETH.MESH.02658063; ETH.MESH.02653814; ETH.MESH.02652985; ETH.MESH.03715978.

⁵⁹ Lamont Dep. (9/11/13) 12:13-13:14

cut PROLENE mesh.⁶⁰ Just four years later, in meeting notes, it is noted that there is a consensus that laser cut mesh is more rigid and stiff and that no clinical study has been done regarding the differences between laser cut mesh and mechanical cut mesh. The notes further indicate potential benefits of using mechanical cut mesh over laser cut mesh noting a lower rate of erosions, tensioning would be more similar to current products, and the edges of mechanical cut mesh might allow for an easier insertion.⁶¹

37. Importantly, most surgeons using the TVT-O products did not know what type of mesh (LCM or MCM) they were using.⁶² Thus, there is no way for doctors to adjust tensioning differently or be aware that the mesh is stiffer, or to warn patients of an increased risk of erosions. The difference in the stretch profile between mechanically cut and laser cut mesh also led Carl G. Nilsson and Christian Falconer, two of the inventors of the original TVT,⁶³ and Jean de Leval, the inventor of TVT-O, to refuse to use, and question the use, of laser cut mesh.⁶⁴

38. Moreover, use of the laser cut mesh would make them unable to rely on the original studies and data they use to tout the safety and effectiveness of the original TVT.⁶⁵ This data is something Ethicon wanted to rely on for all TVT-R products.⁶⁶ Additionally, laser cut mesh was never assessed on its own in a clinical trial.⁶⁷ Finally, the rigidity of the laser cut mesh can cause a higher incidence of erosion and sexual dysfunction than mechanically cut mesh.⁶⁸

39. Polypropylene mesh, like that used in the TVT-O, shrinks unpredictably and asymmetrically, influenced by individual response, bacterial contamination, anatomical location, and time.⁶⁹ Ethicon has not conducted any testing to evaluate its synthetic vaginal meshes for mesh shrinkage. My opinions relating to shrinkage and contraction are based on peer-reviewed scientific literature, my experience treating women with obvious symptoms and findings of mesh shrinkage, and my surgical experience removing mesh that is deformed and contracted – consistent with mesh shrinkage.

⁶⁰ ETH.MESH.01809080

⁶¹ ETH.MESH.03916716.

⁶² ETH.MESH.09911296; ETH.MESH.09951087.

⁶³ ETH.MESH.16416002, ETH.MESH.04048515.

⁶⁴ ETH.MESH.03916716.

⁶⁵ ETH.MESH.06040171; ETH.MESH.01706065.

⁶⁶ Trial Testimony of Katrin Elbert, *Perry v. Luu, et al.*, (2/11/15) 3328-30.

⁶⁷ ETH.MESH.03941617.

⁶⁸ ETH.MESH.00294195; ETH.MESH.03916716; ETH.MESH.01706065; ETH.MESH.03923121

⁶⁹ Klinge 1998; FDA Safety Communication 2011. Web; Mamy, L., Letouzey, V., Lavigne, J. P., Garric, X., Gondry, J., Mares, P., & de Tayrac, R. (2011). Correlation between shrinkage and infection of implanted synthetic meshes using an animal model of mesh infection. *Int Urogynecol J*, 22(1), 47-52. doi: 10.1007/s00192-010-1245-7; Letouzey, V., Huberlant, S., Lavigne, J., Mares, P., Garric, X. & De Tayrac, R. (2012). Is polypropylene mesh coated with antibiotics efficient to prevent mesh infection and contraction in an animal infectious model? [Abstract]. *37th Annual Meeting of the International Urogynecological Association*, 193; Jacquetin, B., & Cosson, M. (2009). Complications of vaginal mesh: our experience. *Int Urogynecol J Pelvic Floor Dysfunct*, 20(8), 893-896. doi: 10.1007/s00192-009-0926-6; Feiner 2010.

40. Because the PROLENE mesh in the TTVT-O retracts and shrinks, it is difficult for the surgeon to determine the proper amount of tension to apply.

41. Dr. Iakovlev and I have recently published a peer-reviewed abstract for an international meeting that describes mesh hardening, degradation, deformation, and nerve/muscle entrapment from a histological standpoint and how these findings relate to pain and other mesh complications. We anticipate this research will appear as a full article in a prestigious peer-reviewed journal in the near future.

42. Polypropylene mesh, like that used in the TTVT-O, creates scar plate that can entrap nerves.⁷⁰ Pore size, density, weight and surface area are all factors involved in scar plate formation.⁷¹ This increased scar plate formation has adverse clinical consequences in women, including distortion of the pelvic anatomy, chronic pain, dyspareunia and/or sexual impairment, bladder and/or bowel dysfunction and other complications. These forces can act on the entire structure of the Gynecare TTVT-O.⁷²

43. The design of the Gynecare TTVT-O is flawed because the product IFU does not accurately represent the nature of the inflammatory response and resulting scar tissue. Instead, the TTVT-O IFUs (both pre and post 2015) state that "animal studies show that implantation of PROLENE mesh elicits a minimal inflammatory reaction in tissues, which is transient and is followed by the deposition of a thin layer of tissue, which can grow through the interstices of the mesh, thus incorporating the mesh into adjacent tissue. The material is not absorbed, nor is it subject to degradation or weakening by the action of tissue enzymes." Ethicon did not alert physicians that: (1) the mesh creates dense scar tissue not a "thin layer of tissue;" (2) that the mesh is subject to degradation and weakening upon implantation; or that (3) the complications are not transient.⁷³ Equally troubling is the fact that Ethicon did delete the term "transient" from its IFUs for the TTVT, TTVT Exact, and TTVT Abbrevio, but not the TTVT-O. There is no explanation on why this term would not be removed from the TTVT-O IFU as well, particularly as all the TTVT products are made with the same polypropylene.

44. The design of the TTVT-O is also flawed because the product's IFU does not accurately and completely represent the nature of the potential complications that women can suffer. It simply lists an almost encyclopedic number of adverse events with a kind of equanimity that minimizes the impact on patients and conveys to the doctor the impression that although these things might occur, they are very rare. For example, it states that one

⁷⁰ E.g., Heise, 1998; Demirer, 2006; Klosterhalfen, 2005; Vervest, H., Bongers, M. & van der Wurff, A. Nerve injury: an exceptional cause of pain after TTVT. Int. Urogynecol. J. Pelvic Floor Dysfunct. 6, 665–667 (2006); Iakovlev V., M. G., Blaivas J. (2014). "Pathological Findings of Transvaginal Polypropylene Slings Explanted for Late Complications: Mesh is Not Inert [Abstract]." International Continence Society Meeting Annual Meeting; ETH.MESH.01264260

⁷¹ E.g., Iakovlev, 2014; ETH.MESH.01264260

⁷² E.g., Blaivas, J. G., et al. (2015). "Safety considerations for synthetic sling surgery." Nat Rev Urol

⁷³ E.g., ETH.MESH.05588123; Barbolt Dep. 01/08/14, 409; 516-17; Hinoul Dep. 4/5/12 99:09-25; 4/6/12 518:14520:20; 6/26/13 175:1-176:17,;184:18-22; 328:10-24; Owens Dep. 9/12/2012 98:11-99:07; ETH.MESH.00870466; ETH.MESH.01218361; Holste Dep. 7/29/13 51:3-53:6; Vailhe Dep. 6/21/13 383:8-19.

or more revision surgeries may be necessary but does not mention the well-known fact that these operations can be very difficult to do, requires great expertise and the results are often sub optimal. Further, the IFU does not even mention the severity and life style altering nature of some of these complications.

45. In addition, the IFU incorrectly states that the TVT-O is “tension-free.” In reality, it is extremely difficult to correctly “tension” the sling. If placed even slightly too snugly, the tape may cause temporary or permanent lower urinary tract obstruction. This is compounded and the problems increase over time as the TVT-O shrinks in a woman’s body. On the other hand, if the sling is applied too loosely, incontinence will persist.

46. The IFU is also inadequate in that it represents complications as “transitory”:

Transitory local irritation at the wound site and a transitory foreign body response may occur. This response could result in extrusion, erosion, fistula formation or inflammation.⁷⁴

This language is not correct – the complications can be permanent, not transitory as Ethicon states. I agree with Ethicon’s Associate Medical Director of Worldwide Customer Quality Meng Chen, M.D., who stated “Pardon me again, from what I see each day, these patient experiences are not “transitory” at all.”⁷⁵ Although language was added in January 2015 that reads “Neuromuscular problems, including acute and/or chronic pain in the groin, thigh, leg, pelvic and/or abdominal area may occur,” this language was insufficient to address the issues I have raised. I also believe that the language was added too many years after Ethicon was aware of the chronic nature of the problems women can experience and still does not adequately warn physicians and patients about the complications associated with the TVT-O device.

47. Despite moving to a lighter weight, larger pore sized mesh for its hernia products in the late 90’s and for its pelvic organ prolapse products so as to minimize the body’s inflammatory and foreign body reaction to the polypropylene devices, Ethicon continued to manufacture the Gynecare TVT from the heavier weight, smaller pore sized mesh, ignoring the increased risks to patient safety and product efficacy.⁷⁶

48. There is little margin of error when placing a transobturator sling, such as the Gynecare TVT-O. The transobturator procedure involves the blind passage of trocars through the vagina and passing through or in close proximity to the following structures: pubocervical connective fascia, obturator internus muscle, obturator membrane, obturator externus muscle, adductor brevis muscle, adductor magnus muscle, gracilis muscle, levator muscles and then out two small incisions in the labia majora. In my experience training

⁷⁴ ETH.MESH.02340829; ETH.MESH.02340756; ETH.MESH.02340974; ETH.MESH.00860239; ETH.MESH.02340902. *Also* Weisberg dep. (8/9/13) 968:2-969:10; Robinson Dep. (9/11/13) 329:12-330:7

⁷⁵ ETH.MESH.04093125.

⁷⁶ E.g., ETH.MESH.07455220; ETH.MESH.09275875; ETH.MESH.07455218; ETH.MESH.02268619; ETH.MESH.02589032; ETH.MESH.01264260; Smith Dep. (2/3/2014) 723:9-724:6, 829:16-829:19; Burkley Dep. (5/22/13) 184:17-24

fellows and residents, I was struck by what a difficult time they had finding the correct plane, how much bleeding they got into during the dissection and how often they injured or almost injured the bladder or urethra during the dissection and/or passing the trocar. Even in the best hands, bladder and urethral perforations have occurred during implantation of TOT slings.

49. The location of anatomical structures varies from individual to individual and even in the same individual, making safe and accurate passage of trocars and positioning of the mesh unpredictable. There is no such thing as “normal anatomy.” For example, positioning of the patient in various degrees of dorsal lithotomy position can change the locations of nerves and blood vessels. Further, the size of the obturator foramen and the bony pelvis varies, making it impossible to know the relationship between the tip of the trocar and vital structures.⁷⁷

50. Claims that make the procedure sound as if it is safer and easier to perform than it actually is are misleading. The fact is, it is not so easy to learn these techniques and the ergonomics of the trocars are such that it is easy to misguide them and end up in the wrong place. In addition, there is ample evidence in the literature that it is very common for the trocars to inadvertently puncture the bladder or urethra during trocar passage.⁷⁸

51. Due to tissue ingrowth, it is very difficult and often impossible to remove all of the mesh and in most instances there are remnants of mesh that remain. This is particularly difficult after a transobturator approach because the mesh is lateral to the bony pelvis and embedded in muscles containing and adjacent to nerves.⁷⁹ The space that is distal to the obturator foramen is not easily accessed and foreign to most urologists and gynecologists. The mesh that remains behind can form the nidus for infections, more erosion, more scarring, more inflammation, and pain.

52. I have reviewed the Material Safety Data Sheet (MSDS) for the polypropylene used in the Gynecare TVT-O medical device. This document, under INCOMPATIBILITY, states that the following materials are incompatible with this product: Strong oxidizers such as chlorine, peroxides, chromates, nitric acid, perchlorates, concentrated oxygen, sodium hypochlorite, calcium hypochlorite and permanganates. Chlorine; Nitric acid. And yet, many of these chemicals are routinely found in human tissue. The document also states under COMPONENT TOXICITY: Polypropylene has been tested in laboratory rats by subcutaneous implantation of discs or powder. Local sarcomas were induced at the site of implantation. No epidemiological studies or case reports suggest any serious chronic health hazards from long-term exposure to polypropylene decomposition products below the

⁷⁷ Whiteside JL, Walters MD. Anatomy of the obturator region: relations to a trans-obturator sling. Urogynecol J Pelvic Floor Dysfunct. 2004 Jul-Aug;15(4):223-6; LitWiller, J., Wells, R., Halliwill, J., Carmichael, S., & Warner, M. Effect of Lithotomy Positions on Strain of the Obturator and Lateral Femoral Cutaneous Nerves. Clinical Anatomy 17:45-49 (2004). DOI 10.1002/ca.10168.

⁷⁸ Bhoyrul S, Vierra MA, Nezhat CR, Krummel TM, Way LW. Trocar injuries in laparoscopic surgery. Journal of the American College of Surgeons. 2001;192(6):677-83; Shindel AW, Klutke CG. Urethral slings placed by the transobturator approach: evolution in the technique and review of the literature. Current Urology Reports. 2005;6(5):385-92; ETH.MESH.03934952

⁷⁹ Reynolds 2011

irritation level.⁸⁰ Ethicon IFUs do not include the toxic and carcinogenic warnings contained in the MSDSSs. Ethicon marketing materials for doctors and patients do not include the toxic and carcinogenic warnings contained in the MSDSSs.⁸¹

53. The medical literature surrounding SMUS, including Gynecare TVT-O, is seriously flawed for reasons including, but not limited to, industry sponsorship, researcher bias, publication bias, industry manipulation of data, inappropriate choice of outcome variables, and lack of long-term follow-up.⁸² For example, internal Ethicon documents included a contract between Ethicon and Medscand Medical A.B. in which it was to receive payment contingent upon certain predetermined study outcomes. Payments to Medscand were conditioned upon the completion of studies by a predetermined date.⁸³ With the TVT-O product at issue in this report, de Leval received royalties from the sale of the device and yet claimed in the publication that he “had no funding or other agreement has limited their ability to fairly complete and publish this research study, and that they have had full control of the primary data and their interpretation.” This is a clear conflict of interest and renders both studies biased and unreliable.⁸⁴

54. In the Nature review, we noted the poor quality of many of the studies assessing risks of SMUS-associated complications.⁸⁵ Deficiencies include the absence of sufficiently explicit outcome data due to the validation instruments used, the lack of long-term data, the loss of patients to follow-up, and the failure to distinguish between different products - to name a few. The poor quality of many of the studies on SMUS has been confirmed by other authors as well. Brubaker reported on missing data in two large SUI trials, TOMUS and SISTER.⁸⁶ Barski, in performing the meta-analysis on mesh complications, found no randomized trials on the surgical treatment of mesh complications.⁸⁷

55. Regarding the “gold standard”, a recent editorial in the International Urogynecology Journal, titled “The failed idea of a ‘gold standard’”, reminded physicians

⁸⁰ World Health Organization International Agency for Research on Cancer; IARC Monographs on the Evaluation of Carcinogenic Risks to Humans, Volume 74: Surgical Implants and Other Foreign Bodies, Summary of Data Reported and Evaluation; Geneva: WHO, 24 November 1999.; Yahi 2007

⁸¹ Sunoco 2004 MSDS; Sunoco 2006 MSDS; ETH.MESH.02026591; ETH.MESH.02340902; ETH.MESH.02340756; ETH.MESH.02340974; ETH.MESH.05815791; ETH.MESH.08003197

⁸² ETH.MESH.00658508; ETH.MESH.03918253; Atassi, Z., Reich, A., Rudge, A., Kreienberg, R., Flock, F. Haemorrhage and nerve damage as complications of TVT-O procedure: case report and literature review. Arch Gynecol Obstet (2008) 277:161–164. DOI 10.1007/s00404-007-0424-3; Marqués Queimadelos A, Sousa Escandón A, Garcíá Fandini M, Cimadevila Garcíá, Lema Grille J (2004) Cabestrillo suburetral transobturator en el tratamiento de la incontinencia urinaria de esfuerzo femenina. Rev Med Univ Navarra 48:62–69

⁸³ ETH.MESH.08696084

⁸⁴ ETH.MESH.03918801; ETH.MESH.03918253; Atassi 2008; Marques 2004.

⁸⁵ Blaivas, 2015.

⁸⁶ Brubaker L, et al. Missing data frequency and correlates in two randomized surgical trials for urinary incontinence in women. Int Urogynecol J. 2015; 26:1155-1159.

⁸⁷ Barski D and Deng DY. Management of mesh complications after SUI and POP repair: Review and analysis of the current literature. Biomed Res Int. 2015;2015:831285, p2. Doi: 10.1155/2015/831285. [Epub 2015 Apr 20].

that the evidence behind ‘gold standards’ is often incomplete and of insufficient quality, that many ‘gold standards’ were consensus, not evidence-based, and that so-called “gold standards” have a tendency to become outdated quickly, never to recover. An article by a pioneer of the TTV, Nilsson (published January, 2015), advised physicians that “it is a waste of both public and private resources to launch poorly documented new treatment concepts and it is especially wrong for the women suffering from stress urinary incontinence to become the subjects of experimental efforts without ethical approval and written informed consent.” The article states that “any variation of a procedure needs its own thorough clinical testing before it can be accepted for common use.”

56. According to a recent article by Lee, patients with MUS placed for SUI should continue to undergo long-term follow-up to monitor for delayed symptoms or complications since the long-term consequences of MUS are still unknown.⁸⁸

57. Ethicon’s patient brochures for the TTV-O are woefully inadequate and do not fairly communicate the risks associated with the TTV-O.

58. I reviewed the current prescriptive information for the TTV-O. The Warnings in the Instructions for Use (IFU) do not address the serious and lifestyle-altering complications described in this report. This information is critical for doctors and patients who are making choices about the best treatment options for SUI, a quality of life condition. The information this is provided is often incomplete, misleading, and inaccurate. Some examples (my comments in italics) are:

- “Transitory local irritation at the wound site and a transitory foreign body response may occur. This response could result in extrusion, erosion, fistula formation or inflammation” *Chronic inflammation, fibrosis, and foreign body response always occur. It is extremely difficult to remove the entire mesh. This also does not address the complex surgery often required to correct erosion into the bladder or urethra or the chronic and recurrent nature of many sling erosions.*
- “Over correction, i.e. too much tension applied to the tape, may cause temporary or permanent lower urinary tract obstruction.” *This fails to address shrinkage or retraction of the devices resulting in late onset voiding dysfunction.*
- “Transient leg pain lasting 24-48 hours may occur and can usually be managed with mild analgesics.” *This fails to address the chronic pain that can occur and additional treatment modalities that may be necessary and may not resolve the pain*
- “Acceptable surgical practice should be followed for the Gynecare TTV Obturator procedure as well as for the management of contaminated or infected wounds.” *The vagina is always contaminated and cannot be sterilized.*

⁸⁸ Lee D, Bacsu C, Simmern PE, “Meshology: a fast growing field involving mesh and or tape removal procedures and their outcomes.” (2014) Informa doi: UK10.1586/17434440.2015.985655

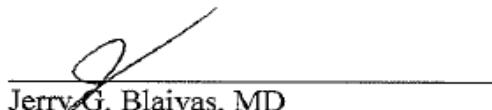
- “The Gynecare TVT Obturator procedure should be performed with care to avoid large vessels, nerves, bladder and bowel. Attention to patient anatomy and correct passage of the device will minimize risks.” *However, the procedure is performed blindly and these structures, particularly the bladder and nerves, often cannot be avoided, even in the hands of the most experienced surgeons.*

59. Endorsement of these products by professional societies (e.g. the AUGS and SUFU Guidelines Position Statement on Mesh Midurethral Slings for Stress Urinary Incontinence) is biased because of industry involvement in the preparation of these “guidelines” and the financial interests of the authors in the companies’ manufacturing the products.⁸⁹

60. Ethicon’s own internal document support my opinion that polypropylene mesh degrades in the body.⁹⁰

All opinions are given to a reasonable degree of medical certainty. I reserve the right to amend or supplement this report if additional information becomes available. I also reserve the right to adopt all of my opinions in the other reports that I have submitted for the Wave 1 cases.

This 1st day of February, 2016.



Jerry G. Blaivas, MD

III. FACTS OR DATA CONSIDERED IN FORMING OPINIONS

In addition to the references included herein, an Index is attached hereto and by reference made a part hereof. Please see **Exhibit “C”** attached.

IV. COMPENSATION

⁸⁹ ETH.MESH.04982735; ETH.MESH.05125268; ETH.MESH.05342590; ETH.MESH.09143435; ETH.MESH.04982748; ETH.MESH.08073794; ETH.MESH.08073801; ETH.MESH.08307690; ETH.MESH.09293114.

⁹⁰ ETH.MESH.07690752; DEPO.ETH.MESH.00004755; ETH.MESH.12831391; ETH.MESH.02589032; ETH.MESH.07192929; ETH.MESH.01264260; Burkley Dep., May 23, 2013 at 315:8-13.

Dr. Blaivas' Fee Schedule is attached hereto and by reference made a part hereof. Please see **Exhibit "B"** attached.

V. LISTING OF CASES IN WHICH TESTIMONY HAS BEEN GIVEN IN THE LAST FOUR YEARS

Merjem Delija v. Neil Sayegh, etc.; index no. 14449/2003

Jose Cuevas v. the Mount Sinai medical Center; Index no. 0017209/2004

Randy Smith, et al. v. Andrew Chan, M.D., et al.; Index No. 024786/2009

Katelyn Vercher, et al. v. Chiari Institute, et al.; 2:09-cv-01751-AKT

Lisa Marie Fontes, et al. v. American Medical Systems, Inc.; 2:12-CV-02472

Debbie Jilovec, et al., v. American Medical Systems, Inc.; 2:12-CV-05561

Joann Serrano, v. American Medical Systems, Inc.; 2:12-CV-3719

Mary Weiler, et al. v. American Medical Systems, Inc.; 2:12-CV-05836

Carolyn F. Smothers v. Boston Scientific Corp.; 2:12-cv-08016

Katherine L. Hall v. Boston Scientific Corp.; 2:12-cv-08186

Julia Wilson v. Boston Scientific Corp.; 2012-02626

Ronda Orozco, et al., v. Boston Scientific Corp.; 2012-03068

Maria Cardenas v. Boston Scientific Corp.; 2012-02912

Diane Albright v. Boston Scientific Corp.; 2012-00909

Jo Huskey, et. al v. Ethicon, Inc.; 2:12-cv-05201

Tonya Edwards, et. al v. Ethicon, Inc.; 2:12-cv-099

Exhibit A

Curriculum Vitae

Name: Jerry G. Blaivas, MD

Office Address: 445 East 77th Street
New York, NY 10075
Tele: (212) 772 3900

Citizenship: United States of America

Licensure: New York #144945, January 1981

Specialty
Certification: American Board of Urology, 1978

Education: Tufts University School of Medicine M.D., 1968
Tufts College, B.A., 1964

Post Graduate:

Intern, General Surgery: Boston City Hospital
Boston, MA
1968 - 1969

Resident, General Surgery: Boston City Hospital
Boston, MA
1969 - 1971

Resident, Urology: Tufts-New England Medical Center
Boston, MA
1973 - 1976

Military: Major, United States Army Department of Orthopedics
(Active Duty) Walson Army Hospital
Fort Dix, NJ
1971-1973

Faculty Appointments:
Adjunct Professor of Urology
SUNY Downstate Medical School
Brooklyn, NY
2008 - present

Clinical Professor of Urology

Weill Medical College of Cornell University
New York, NY
1993 - present

Professor of Clinical Urology
College of Physicians & Surgeons
Columbia University
New York, NY
1989 - 1993

Vice-Chairman, Department of Urology
College of Physicians & Surgeons
Columbia University
New York, NY
1987 - 1993

Director, Neurourology
College of Physicians & Surgeons
Columbia University
New York, NY
1981 - 1993

Associate Professor of Urology
College of Physicians & Surgeons
Columbia University
New York, NY
1981 - 1989

Associate Professor of Urology
Tufts University School of Medicine
Boston, MA.
1979 - 1981

Assistant Professor of Urology
Tufts University School of Medicine
Boston, MA.
1976 - 1979

Hospital and University

Administrative Appointments:

Chief of Urogynecology
Attending Surgeon (Urology)
Lenox Hill Hospital
New York, NY
1999 - 2007

Attending Surgeon (Urology)
The New York Presbyterian Hospital
New York, NY
1993 - present

Attending Urologist
The Presbyterian Hospital
New York, NY
1992 - 1993

Director, Neurourology Laboratory
The Presbyterian Hospital
New York, NY
1981 - 1993

Associate Attending Urologist
The Presbyterian Hospital
New York, NY
1981 - 1992

Chief of Urology
Helen Hayes Hospital
West Haverstraw, NY
1987 - 1993

Assistant Surgeon
New England Medical Center
Boston, Massachusetts
1976 - 1981

Director, Urodynamics Laboratory
New England Medical Center

Boston, MA
1976 - 1981

Consultant in Urology
Massachusetts Rehabilitation Hospital
Boston, MA 1977 - 1981

Consultant in Urology
Braintree Hospital
Braintree, MA 1977 - 1981

Attending Physician, Surgical Service
Boston Veterans Administration Medical Center
Boston, MA
1977 – 1981

Professional Societies:

American Association of Genitourinary Surgeons
American Board of Urology
American College of Surgeons
American Urogynecologic Society
American Urologic Society, New York Section
American Urological Association
Chilean Urologic Society, Honorary Member
International Continence Society
Massachusetts Medical Society (1973 - 1981)
National Board of Medical Examiners
New York Academy of Medicine
Societe Internationale d'urologie
Society for Urodynamics and Female Urology
Society of Pelvic Surgeons
Society of University Urologists

Honors and Awards:

Victor A. Politano Award, American Urological Association, 2009

Jerry G. Blaivas Honorary Lectureship, Society of Urodynamics and Female Urology, established 2007

Continence Care Champion, National Association For Continence, 2005

Pfizer-American Urological Association Visiting Professor Award, 2004

The Best Clinical Study for the Year 2000.
Society for Urodynamics and Female Urology, 2000

Lifetime Achievement Award
Society for Urodynamics and Female Urology, 1999

Brantley Scott M.D. Award.
American Foundation for Urologic Disease, 1999.

J. Marion Sims Award
American Uro-Gynecologic Society, 1993

Best Doctors in America, 1992-present

Best Doctors in New York, 1992-present

Zimskind/Kendall Award
Urodynamic Society, 1985

First Prize for Research
Annual Meeting of the International
Continence Society, Leiden, 1982

Winner, Team Debate
Joint Meeting of the International
Continence Society and the Urodynamic
Society, Los Angeles, 1980

Commendations Medal
United States Army, 1973

Sword and Shield Honor Society
Tufts College, 1965

Hospital and University

Committees: Executive Committee
Department of Urology
College of Physicians & Surgeons
Columbia University, 1981-1993

Chairman, Quality Assurance Committee
Department of Urology
Columbia Presbyterian Medical Center
1986 - 1991

Committee on Computer Development for Medical Applications, The Presbyterian Hospital
1985 - 1993

Medical Evaluation Committee
Columbia Presbyterian Medical Center
1985 - 1987

Human Investigation Committee
Department of Urology
Columbia Presbyterian Medical Center
1981 - 1993

Chairman, Patient Care Committee
The Presbyterian Hospital
1981 - 1986

Executive Committee
Tufts University School of Medicine
1978 - 1981

Doctor's Office Committee
Columbia-Presbyterian Medical Center
1988 - 1993

Professional Committees:

Executive Committee
Society for Urodynamics and Female Urology
1999-present

Chairman, Voiding Dysfunction Committee
American Urological Association
1996-2000

Advisory Board Member

Blaivas

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New York Menopause Center
1996 - 2000

Bladder Health Council
American Foundation for Urologic Diseases
1996 - present

Guidelines Panel on Surgical Treatments for Female Urinary Incontinence American Urological Association
1994 - Present

Executive Committee
Urodynamics Society
1993-1999

Chairman New Technology Council
American Urological Association
1993 - 1997

Guest Examiner
American Board of Urology
1992 - 1996

President
Urodynamic Society
1992 - 1993

Member, BPH Guidelines Panel
Agency for Health Care & Policy Review
1989 - 1996

Technical Advisor
Incontinence Guideline Panel
Agency for Health Care & Policy Review
1989 - 1996

Practice Parameters & Guidelines Committee
American Urological Association
1991 - 1998

Member, Terminology Committee

Blaivas

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American Urological Association
1991 - 1993

Chairman, Biomedical Engineering Committee
American Urological Association
1990 - 1993

Vice-Chairman, New Technology Committee
American Urological Association
1990 - 1993

Vice President
Urodynamic Society
1989 - 1991

Examination Committee
American Board of Urology
American Urological Association
1989 - 1993

Protocol Committee
Measurement Committee
AUA Cooperative BPH Study
1989 - 1993

Member, ad hoc Committee on Female Urology
American Urological Association
1988 - 1993

Advisory Board, Continence Program for Women
University of Virginia
1988 - 1996

Program Committee, Annual Meeting of the
American Urological Association
1988 - 1995

Patient Management Technology Committee
National Multiple Sclerosis Foundation
1987 - 1991

Blaivas

9

Secretary, Urodynamic Society
1986 - 1989

National Metric Council - Representative from the
American Urological Association
1986 - 1991

Chairman, Urology Sub-Committee
American Society for Testing and Materials
1986 - 1991

Co-Chairman, Annual Urodynamic Society Meeting
1985

Program Committee, Combined Meeting of the
International Continence Society and the
Urodynamic Society
1985

Vice-Chairman, Urology Sub-Committee
American Society for Testing and Materials
1985 - 1986

Program Committee, Annual Meeting of the
American Urological Association
1984 - 1986

Standardization Committee
International Continence Society
1983 - 1991

Medical Advisory Board, New York Chapter
National Multiple Sclerosis Foundation
1983 - 1991

Member-at-large
Executive Committee, Urodynamic Society
1982 - 1984

Program Chairman
Annual Urodynamic Society Meeting, Boston

Blaivas

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1981

Chairman, Nomenclature Committee
Urodynamic Society
1980 -1985

Education Committee
National Multiple Sclerosis Foundation
1980 - 1990

Neurophysiology Committee
Urodynamic Society
1980 - 1986

Program Committee, Combined Meeting of the
International Continence Society and the
Urodynamic Society
1980

Biomedical Engineering Committee
American Urological Association
1980 - 1993

Chairman, Task force on Urodynamic Procedures
Urodynamic Society
1980 – 1984

Editorial Positions: Editor-in-Chief, *Neurourology and Urodynamics*
1981 - 2007

Editorial Boards: *Neurourology & Urodynamics* 1981 - present
 Contemporary Urology 1998 - 2007
 International Urogynecology Journal 2002 - present

Reviewer: British Journal of Urology
International Urogynecology Journal
Journal of Urology
Urology
Obstetrics & Gynecology
The New England Journal of Medicine
American Journal of Physiology

Brain
Neurology

Consulting Committee: Urologia Integrada y de Investigacion

Previous Grant Support:

Smith Kline Beecham 1993 - 1995	Effects of once daily dosing with two dose levels of epristeride or placebo on the voiding detrusor pressure in patients with bladder outflow obstruction due to benign prostatic hyperplasia.
Eli Lilly 1993 - 1995	Duloxetine vs. placebo in patients with urinary incontinence - assessment of subjective & objective parameters. \$92,500
American Foundations Of Urologic Diseases Scholar Award (Faculty Sponsor) 1988 - 1990	Parameters of Detrusor Contractility \$50,000
National Multiple Sclerosis Society 1977 – 1978	The Diagnosis, Treatment and National History of Voiding Disturbances in Multiple Sclerosis Grant # RG1108-A-1 \$78,418
National Multiple Sclerosis Society 1978 – 1980	The diagnosis, treatment and national history of voiding disturbances in multiple sclerosis. Grant # RT1108-B-2 \$113,915
Merrell Research Center 1978	Effect of Oral Candicidin on on Benign Prostatic Hypertrophy, \$52,000
Smith, Klein & French 1982	Dose Range Study of Phenoxybenzamine in Benign

Blaivas

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	Prostatic Hypertrophy \$27,000
Eastern Paralyzed Veterans 1983 - 1984 Grant \$100,000	NeuroUrology Fellowship
Eastern Paralyzed Veterans 1984 - 1985 Training Grant \$17,000	Neurourology Nurse
Roerig Pharmaceuticals 1984 - 1985	Geocillin in the Treatment of Recurrent Urinary Tract Infections Study # 83-R-003 \$25,000
Roerig Pharmaceuticals 1985-1986	Geocillin for the Treatment of Bacterial Prostatitis in Patients with Multiple Sclerosis or Spinal Cord Injuries with Associated Dysfunctional Urinary Bladders Study # 84-R-014 \$18,000
American Federation For Aging (AFAR) 1987 - 1988	Urodynamics of Aging AFAR CU50384501 \$16,000
Embassy Arab Republic of Egypt Cultural and Educational Bureau Peace Fellowship Program	Bladder Outlet Obstruction PF # 2436 - \$17,000
Spinal Cord Research Parameters of Bladder Foundation 1989 – 1990	Contractility in an In-vitro Rabbit Bladder Model, \$19,200
National Multiple 1988 - 1991	Neurourodynamic Evaluation Sclerosis Foundation of Multiple Sclerosis Grant # RG1997-A-4

\$116,682

PUBLICATIONS

Articles in Peer Review Journals:

1. **Blaivas JG**, Pais, VM, Spellman, RM. Chemolysis of Residual Stone Fragments After Extensive Surgery for Staghorn Calculi. *Urology* 6:680-6, 1975.
2. **Blaivas JG**, Pais VM, Retik AB. Paraurethral Cysts in the Female Neonate. *Urology* 7:504-7, 1976.
3. **Blaivas JG**, Previte SR, Pais VM. Idiopathic Pelviureteric Varices. *Urology* 9:207-1, 1977.
4. **Blaivas JG**, Labib KB, Bauer SB, Retik AB. A New Approach to Electromyography of the External Urethral Sphincter. *J Urol* 117:773-7, 1977.
5. **Blaivas JG**, Labib KB, Bauer SB, Retik AB. Changing Concepts in the Urodynamic Evaluation of Children. *J Urol* 117:778-3, 1977.
6. **Blaivas JG**, Labib, KB. Urinary Retention in the Female: Complete Urodynamic Evaluation. *Urology* 10:383, 1977.
7. Rao CN, **Blaivas JG**. Primary Renal Artery Dissecting Aneurysms, A review. *J Urol* 118:716-9, 1977.
8. Labib KB, Bauer SB, **Blaivas JG**. External Sphincter Electromyography in a Comprehensive Urodynamic Evaluation. *Archives Phys Med & Rehab*, 58:521, 1977.
9. **Blaivas JG**, Labib KB, Scott RM. Urodynamic Evaluation as neurologic test of Sacral Cord Function. *Urology* 9:682, 1979.
10. **Blaivas JG**, Bhimani G, Labib KB. Vesicourethral Dysfunction in Multiple Sclerosis. *J Urol* 122:342-7, 1979.
11. **Blaivas JG**, Labib KB, Michalik SJ, Zayed AAH. Failure of Bethanechol Denervation Supersensitivity as a Diagnostic Aid. *J Urol* 123:199, 1980.
12. **Blaivas JG**, Labib KB, Michalik SJ, Zayed AAH. Cystometric Response to Propanetheline in Detrusor Hyperreflexia: Therapeutic Implications. *J Urol* 124:259, 1980.
13. **Blaivas JG**. Management of Bladder Dysfunction in Multiple Sclerosis. *Neurology* 30(2):12, 1980.

14. **Blaivas JG**, O'Donnell TF, Gottlieb P, Labib KB. Comprehensive Laboratory Evaluation of Erectile Dysfunction. *J Urol* 124:201,1980.
15. **Blaivas JG**, Sinha HPM, Zayed AAH, Labib KB. Detrusor External Sphincter Dyssynergia, *J Urol* 125:542-4,1981.
16. **Blaivas JG**, Sinha HPM, Zayed AAH, Labib KB. Detrusor External Sphincter Dyssynergia: A detailed EMG study. *J Urol* 125:545-8,1981.
17. **Blaivas JG**, Fisher DM. Combined Radiographic and Urodynamic Monitoring: Advances in Technique. *J Urol* 125:693-4,1981.
18. **Blaivas JG**, Zayed AAH, Labib KB. The Bulbocavernosus Reflex in *Urology*: A Prospective Study of 299 Patients. *J Urol* 126:197-9,1981.
19. **Blaivas JG**. The Neurophysiology of Micturition. *J Urol* 127:958-3,1982.
20. **Blaivas JG**, Awad SA, Bissada N, Khanna OP, Krane RJ, Wein AJ, et al. Urodynamic Procedures: Recommendations of the Urodynamic Society. 1. Procedures Which Should be Available for Routine Urologic Practice. *Neurourol Urodyn* 1:51-5,1982.
21. Sant GR, Heaney JA, Parkhurst EC, **Blaivas JG**. Obstructive Uropathy. A Potentially Serious Complication of Reconstructive Vascular Surgery. *J Urol* 129:16-2,1982.
22. Barbalias GA, **Blaivas JG**. Neurourologic Implications of the Pathologically Open Bladder Neck. *J Urol* 129:780-3,1983.
23. Zinner NR, Susset, J, Coolseat BRLA, Griffiths D, Jonas U, Sterling AM, **Blaivas JG**, et al. Great Debate Resolved: The Urethral Closure Pressure Profile Should be Used For Diagnosis and Management of Female Stress Incontinence. *Neurourol Urodyn* 2:81-99,1983.
24. **Blaivas JG**, Barbalias GA. Characteristics of Neural Injury After Abdominal Perineal Resection. *J Urol* 129:84-7,1983.
25. Sant G, **Blaivas JG**, Meares EM. Hemiacidrin Irrigation in the Management of Struvite Calculi: Long Term Results. *J Urol* 130:1048-50,1983.
26. Norlen LJ, **Blaivas JG**, Gable H. Cystopathy in Patients With Severe Diabetic Nephropathy. Diabetic Nephropathy,1983.

27. **Blaivas JG.** Sphincter Electromyography. *Neurourol Urodyn* 2:269-88,1983.
28. Katz GP, **Blaivas JG.** A Diagnostic Dilemma: When Urodynamic Findings Differ From the Clinical Impression. *J Urol* 129:1170-4,1983.
29. Norlen LJ, **Blaivas JG**, Grodin W, Lundberg JM. Contractile Effect of Substance P on the Canine Urinary Bladder In Vivo. *Neurourol Urodyn*, 2:323-7,1983.
30. **Blaivas JG**, Barbalias GA. Detrusor External Sphincter Dyssynergia in Men With Multiple Sclerosis: An Ominous Urological Condition. *J Urol* 131:91-4,1984.
31. Barbalias GA, **Blaivas JG**, Klauber G. Critical Evaluation of the Crede Maneuver: A Urodynamic Study of 207 Patients. *J Urol* 131:91-4,1984.
32. **Blaivas JG.** Multichannel Urodynamic Studies. *Urology* 23:421-38,1984.
33. Sawczuk I, **Blaivas JG.** Successful Surgical Treatment of Giggle Incontinence. *Neurourol Urodyn* 3:63,1984.
34. **Blaivas JG.** Urodynamic Diagnosis of Primary Bladder Neck Obstruction. *World J Urol* 2:191,1984.
35. Oliver LM, **Blaivas JG**, McGuire E, Susset, J. Functional Vaginal Electrical Stimulation (FVES) for the Treatment of Frequency and Incontinence in Women. Proceedings of the Urodynamic Society, p47,1984.
36. **Blaivas JG**, Salinas J. Type III Stress Urinary Incontinence: The Importance of Proper Diagnosis and Treatment. *Surgical Forum* 35:472,1984.
37. **Blaivas JG.** Salinas J., Katz P. Role of Urodynamic Testing in the Evaluation of Subtle Neurourological Lesions. *Neurourol Urodyn* 4:211-8,1985.
38. Abrams P, **Blaivas JG**, Stanton SL, Andersen J, Fowler CJ, Gerstenberg T, et al. Sixth Report on the Standardisation of Terminology of Lower Urinary Tract Function. Procedures Related to Neurophysiological Investigations: Electromyography, Nerve Conduction Studies, Reflex Latencies, Evoked Potentials and Sensory Testing. The International Continence Society on Standardisation of Terminology, New York, *Scand J Urol Nephrol* 20:161-4,1986
39. Norlen L, **Blaivas JG.** Unsuspected Proximal Urethral Obstruction. *J Urol* 135:972-6,1986.
40. Salinas J, Berger Y, De La Rocha RE, **Blaivas JG.** Urologic Evaluation in the Shy- Drager Syndrome. *J Urol* 135:741-3,1986.

41. Abrams P, Andersen JT, **Blaivas JG**, Stanton SS. Sixth Report of the Standardization of Terminology of Lower Urinary Tract Function: Procedures Related to Neurophysiologic Investigations. *Neurourol Urodyn* 5:373-9,1986.
42. Axelrod SA, **Blaivas JG**. The Distinction Between Poor Detrusor Contractility and Bladder Outlet Obstruction. Proceedings of the International Continence Society. Boston, 1986.
43. Axelrod SA, **Blaivas JG**. Bladder Neck Obstruction in Women. *J Urol* 137:497-9,1987.
44. BergerY, **Blaivas JG**, De La Rocha RE, Salinas JM. Urodynamic Findings in Parkinson's Disease. *J Urol* 138:836-8,1987.
45. Abrams P, **Blaivas JG**, Stanton SL, Andersen J, Fowler CJ, Gerstenberg T, Murray K. Sixth Report on the Standardization of Terminology of Lower Urinary Tract Function. Procedures Related to Neurophysiological Investigations: Electromyography, Nerve Conduction Studies, Reflex Latencies, Evoked Potentials and Sensory Testing. The International Continence Society, *Br J Urol* 59:300-4,1987.
46. **Blaivas JG**, Olsson CA. Stress Incontinence: Classification and Surgical Approach. *J Urol* 139:727-1,1988.
47. Sarky MS, **Blaivas JG**. Functional Types of Prostatic Obstruction. *Neurourol Urodyn* 7:221-2,1988.
48. Sarky MS, **Blaivas JG**. Low-Pressure Low-Flow Syndromes. A Computer Based Classification on Functional Basis. *Neurourol Urodyn* 7:225-6,1988.
49. Sarky MS, **Blaivas JG**, Schussler G. Bladder Outlet Conductance: Evolution, Normal and Obstructive Patterns. *Neurourol Urodyn* 7:223-4,1988.
50. **Blaivas JG**. Pathophysiology and Differential Diagnosis of Benign Prostatic Hypertrophy. *Urology* 32:supp5-11,1988.
51. Abrams P, **Blaivas JG**, Stanton SL, Andersen JT. The Standardisation of Terminology of Lower Urinary Tract Function. *Neurourol Urodyn* 7:403-26,1988.
52. Kaplan SA, **Blaivas JG**. Diabetic Cystopathy. *J Diabet Complic* 2:133-9,1988.
53. **Blaivas JG**. Vaginal Flap Urethral Reconstruction: An Alternative to Bladder Flap Neourethra. *J Urol* 141:542-5,1989.

54. Kaplan SA, Brown WC, **Blaivas JG**. Parameters of Detrusor Contractility: Effects of Hysteresis and Bladder Volume in an In-Vitro Whole Rabbit Model. *Surgical Forum*, Volume XL 665-6,1989.

55. Kaplan SA, **Blaivas JG**, Brown WC, Schuessler G. Parameters of Detrusor Contractility: The Effect of Bladder Volume and Outlet Resistance on Qmax, Power and Work in In-Vitro Whole Rabbit Model. *Neurourol Urodyn* 8:375-6, 1989.

56. **Blaivas JG**. Diagnostic Evaluation of Urinary Incontinence. *Urology* 36:4,1990.

57. BergerY, Salinas JN, **Blaivas JG**. Urodynamic Differentiation of Parkinson's Disease and the Shy Drager Syndrome. *Neurourol Urodyn* 9:117-1,1990.

58. BergerY, **Blaivas JG**, Oliver L. Urinary Dysfunction in Transverse Myelitis. *J Urol* 144:103-5,1990.

59. **Blaivas JG**. Surgical Treatment of Urinary Incontinence in 223 Consecutive Women. *Neurourol Urodyn* 9:401-2,1990.

60. Chancellor MB, Otter MW, Kaplan SA, **Blaivas JG**. A New Method of Measuring Uroflow in the Rat Bladder. *Neurourol Urodyn* 9:391-2,1990.

61. **Blaivas JG**. Diagnostic Evaluation of Incontinence in Patients with Neurourologic Disease, *J Am Geriatr Soc* 38:306-0,1990.

62. Kaplan SA, **Blaivas JG**, Brown WC, Levin RM. Parameters of Detrusor Contractility: The Effect of Hysteresis, Electrical Stimulation and Bladder Volume in an In-Vitro Whole Rabbit Model. *Neurourol Urodyn* 10:53-9,1991.

63. **Blaivas JG**. Diagnostic Evaluation of Incontinence. *Urology* 36:supp11-20,1991.

64. Chancellor MB, **Blaivas JG**, Axelrod S, Kaplan SA. Bladder Outlet Obstruction Versus Impaired Detrusor Contractility: The Role of Uroflow. *J Urol* 145:810-2,1991.

65. Luangkhot R, Peng B, and **Blaivas JG**. Ileocecocystoplasty for the Management of Refractory Neurogenic Bladder: Surgical Technique and Urodynamic Findings. *J Urol* 146:1340-4,1991.

66. **Blaivas JG**, Jacobs BZ. Pubovaginal Sling for the Treatment of Complicated Stress Incontinence. *J Urol* 145:1214-8,1991.

67. Kaplan SA, **Blaivas JG**, Chancellor MB. Bladder and Sphincter Behavior in Patients with Spinal Cord Injury. *J Urol* 146:113-7,1991.

68. Chancellor MB, **Blaivas JG**, Levin RM, Kaplan SA, Otter MW, Schussler G. New Method of Measuring Uroflow in the Rat Bladder. *Neurourol Urodyn* 11:123-9,1992.
69. Andersen JT, **Blaivas JG**, Cardozo L, Thuroff J. Lower Urinary Tract Rehabilitation Techniques: Seventh Report on the Standardization of Terminology of Lower Urinary Tract Function. *Neurourol Urodyn* 11:593-3,1992
70. Barry MJ, Fowler FJ, O'Leary MP, Bruskewitz RC, Holtgrewe HL, Meburst WK, AUA Measurement Committee. Correlation of the American Urological Association Symptom Index with Self-Administered Versions of the Madsen-Iversen, Boyarsky and Maine Medical Assessment Program Symptom Indexes. *J Urol* 148:1558-3,1992.
71. Chancellor MB, Kaplan SA, **Blaivas JG**. The Cholinergic and Purinergic Components of Detrusor Contractility in a Whole Rabbit Bladder Model. *J Urol* 148:906-9,1992.
72. Grino PB, Bruskewitz R, **Blaivas JG**, et al. Maximum Urinary Flow Rate by Uroflowometry: Automatic or Visual Interpretation. *J Urol* 149:339-1,1993.
73. Kaplan SA, Shabsigh R, Soldo KA, **Blaivas JG**, Olsson CA. Transrectal Hyperthermia in the Management of Men with Prostatism: An Algorithm for Therapy. *J Urol* 72:195-0,1993.
74. Chancellor MB, **Blaivas JG**, Kaplan SA, Axelrod S. Letter to the Editor Re: Bladder Outlet Obstruction Versus Impaired Detrusor Contractility: The Role of Uroflow. *J Urol* 149:378-9,1993.
75. Chaikin DC, **Blaivas JG**, et al. Behavioral Therapy for the Treatment of Refractory Interstitial Cystitis. *J Urol* 149:1445-8,1993.
76. Gardner TA, Poppas DP, Wei JT, **Blaivas JG**. Volvulus of the Ileal Conduit: A Late Complication. *J Urol* 152:948-50,1994.
77. Seaman EK, Jacobs BZ, **Blaivas JG**, Kaplan SA. Persistence or Recurrence of Symptoms after Transurethral Resection of the Prostate: A Urodynamic Assessment. *J Urol* 152:935-7,1994.
78. Santarosa RP, **Blaivas JG**. Peiurethral Injection of Autologous Fat for the Treatment of Sphincteric Incontinence. *J Urol* 151:607-1,1994.
79. **Blaivas JG**. Urinary Incontinence After Radical Prostatectomy. *Cancer* 75:7,1995.
80. Heritz DM, Romanzi LJ, **Blaivas JG**. The Surgery of Vesico-Vaginal Fistula: Early vs. Late, Abdominal vs. Vaginal Repair. *J Urol* 153:1110-3,1995.

81. Kaplan SA, Te AE, **Blaivas JG**. Urodynamics Findings in Patients With Diabetic Cystopathy. *J Urol* 153:342-4,1995.
82. Mulcahy JJ, Kirkemo, AK, Rudy DC, **Blaivas JG**, Wahle GR, et al. Efficacy and Safety of Duloxetine in Stress Incontinence Patients. *Neurourol Urodyn* 15:395-9,1996.
83. **Blaivas JG**, Heritz DM. Vaginal Flap Reconstruction of the Urethra and Vesical Neck in Women: A Report of 49 Cases. *J Urol* 155:1014-7,1996.
84. **Blaivas JG**. Obstructive uropathy in the male. *Urol Clin North Am* 23:373-84,1996.
85. **Blaivas JG**, Heritz DM. Physiological Principles for Surgical Correction of Detrusor Dysfunction. *J EndoUrology* 10:3,1996.
86. **Blaivas JG**, Appell RA, Fantl JA, Leach G, McGuire EJ, Resnick, NM, et al. Standards of Efficacy for Evaluation of Treatment Outcomes in Urinary Incontinence: Recommendations of the Urodynamic Society. *Neurourol Urodyn* 16:145-7,1997.
87. **Blaivas JG**. Discussion: A Framework for Diagnosis of Idiopathic Overactive Bladder. *Urology* 50:6A,1997.
88. **Blaivas JG**, Appell RA, Fantl JA, Leach G, McGuire EJ, Resnick NM, Raz S, Wein AJ. Definition and Classification of Urinary Incontinence: Recommendations of the Urodynamic Society. *Neurourol Urodyn* 16:149-1,1997.
89. Leach GE, Dmochowski RR, Appell RA, **Blaivas JG**, Hadley HR, Luber KM, et al. Re: Female Stress Urinary Incontinence Clinical Guidelines Panel Summary Report on Surgical Management of Female Stress Urinary Incontinence. *J Urol* 158: 875-0,1997
90. Chaikin DC, Rosenthal J, **Blaivas JG**, Pubovaginal Fascial Sling for All Types of Stress Urinary Incontinence: Long-term Analysis. *J Urol* 160: 1312-6,1998.
91. Weiss JP, **Blaivas JG**, Stember DS, Brooks, MM, Nocturia in Adults: Etiology and Classification. *Neurourol Urodyn* 17:467-2,1998.
92. **Blaivas JG**, Stember DS, Weiss JP. Etiology of Voiding Symptoms in Men: Correlation of Individual AUA Symptom Scores with Urodynamic and Diary Parameters. *Neurourol Urodyn* 17:398-9,1998.
93. Chaikin DC, Romanzi LJ, Rosenthal J, Weiss JP, **Blaivas JG**. The Effects of Genital Prolapse on Micturition. *Neurourol Urodyn* 17:426-7,1998.

94. Lemer ML, Chaikin DC, **Blaivas JG**. Augmentation Cystoplasty and Urinary Diversion for the Treatment of Neurogenic Bladder. *Neurourol Urodyn* 17:344,1998.
95. Chaikin DC, **Blaivas JG**. Weakened Cadaveric Fascial Sling: An Unexpected Cause of Failure. *J Urol* 160:2151,1998.
96. **Blaivas JG**. Outcome measures for urinary incontinence. *Urology* 51,2 Asupp:11-9,1998.
97. Romanzi LJ, Chaikin DC, **Blaivas JG**. Effect of Genital Prolapse on Voiding. *J Urol* 161:581-6,1999.
98. Petrou SP, Brown JA, **Blaivas JG**. Supravaginal Transvaginal Urethrolysis. *J Urol* 161:1268-1,1999.
99. Weiss JP, **Blaivas JG**, Stember DS, Chaikin DC. Evaluation of the Etiology of Nocturia in Men: The Nocturia and Nocturnal Bladder Capacity Indices. *Neurourol Urodyn* 18:559-5,1999.
100. Chaikin DC, **Blaivas JG**, Rosenthal JE, Weiss JP. Results of Pubovaginal Sling for Stress Incontinence: Prospective Comparison of 4 Instruments for Outcome Analysis. *J Urol* 162:1670-3,1999.
101. Lemer ML, Chaikin DC, **Blaivas JG**. Tissue Strength Analysis of Autologous and Cadaveric Allografts for the Pubovaginal Sling. *Neurourol Urodyn* 18:497-3,1999.
102. Groutz A, **Blaivas JG**, Fait G, Sassone AM, Chaikin DC, Gordon D. The Significance of the American Urological Association Symptom Index Score in the Evaluation of Women with Bladder Outlet Obstruction. *J Urol* 163:207-1,2000.
103. Groutz A, **Blaivas JG**, Chaikin DC. Bladder Outlet Obstruction in Women: Definition, Prevalence and Characteristics. *Neurourol Urodyn* 19:213-0,2000.
104. Groutz A, Chaikin DC, **Blaivas JG**. Predicting the Need for Anti-Incontinence Surgery in Continent Women Undergoing Repair of Severe Urogenital Prolapse. *J Urol* 163:531-4,2000.
105. Groutz A, **Blaivas JG**, Chaikin DC, Verhaaren M. The Pathophysiology of Post Radical Prostatectomy Incontinence: A Clinical and Videourodynamic Study. *J Urol* 163:1767-0, 2000.
106. Groutz A, **Blaivas JG**, Rosenthal JD. A Simplified Urinary Incontinence Score for the Evaluation of Treatment Outcomes. *Neurourol Urodyn* 19:127-5, 2000.
107. Groutz A, **Blaivas JG**, Sassone AM. Detrusor Pressure - Uroflow Studies in Women: Effect of a 7f

Transurethral Catheter. *J Urol* 164:109-4, 2000.

108. Groutz A, **Blaivas JG**, Romanzi LJ. Urethral diverticulum in Women: Diverse Presentations Resulting in Diagnostic Delay and Mismanagement. *J Urol* 164:428-3,2000.

109. Groutz A, **Blaivas JG**, Chaikin DC, Resnick NM, Engleman K, Anzalone D, et al. Noninvasive outcome measures for urinary incontinence: A multicenter study of voiding diaries and pad tests. *J Urol* 164:698-1, 2000.

110. **Blaivas JG**, Groutz A. Bladder outlet obstruction nomogram for women with lower urinary tract symptomatology. *Neurourol Urodyn* 19:553-4, 2000.

111. Groutz A, **Blaivas JG**, Kessler S, Weiss JP, Chaikin DC. Outcome results of transurethral collagen injection for female stress incontinence: Assessment by urinary incontinence score. *J Urol* 164:2006-9,2000.

112. **Blaivas JG**. Issues of uroselectivity in male and female Luts. Summary of the meeting. *Br J Urol* 86, 2 supp: 55, 2000.

113. Romanzi LJ, **Blaivas JG**. Protracted urinary retention necessitating urethrolysis following tension-free vaginal tape surgery. *J Urol* 164:2022-3. 2000

114. **Blaivas JG**, Groutz A, Verhaaren M. Does the method of cystometry affect the incidence of involuntary detrusor contractions? A prospective randomized urodynamic study. *Neurourol Urodyn* 20:141-5, 2001.

115. Groutz A, **Blaivas JG**, Pies C, Sassone AM. Learned Voiding Dysfunction (Non-Neurogenic Bladder) Among Adults. *Neurourol Urodyn* 20:259-8, 2001.

116. Romanzi LJ, Groutz A, Heritz DM, **Blaivas JG**. Involuntary detrusor contractions: Correlation of urodynamic data to clinical categories. *Neurourol Urodyn* 20:249-7, 2001.

117. Lee YS, Sakamoto K, **Blaivas JG**, Chu A. Retrovesical Gastrointestinal StromalTumor. *J Urol* 165:185,2001.

118. Groutz A, **Blaivas JG**, Hyman MJ, Chaikin DC. Pubovaginal Sling Surgery for Simple Stress Urinary Incontinence: Analysis by an Outcome Score. *J Urol* 165:1597-0, 2001.

119. Sakamoto K, **Blaivas JG**. Adult Onset Nocturnal Enuresis. *J Urol* 165:1914-7, 2001.

120. Hyman MJ, Groutz A, **Blaivas JG**. Detrusor Instability in Men: Correlation of Lower Urinary Tract

Symptoms with Urodynamic Findings. *J Urol* 166:550-3, 2001.

121. Fusco F, Groutz A, **Blaivas JG**, Chaikin DC, Weiss JP. Videourodynamic Studies in Men with Lower Urinary Tract Symptoms: A Comparison of Community Based Versus Referral Urological Practices. *J Urol* 166:910-3, 2001.
122. Weiss JP, **Blaivas JG**, Abrams P, Mattiasson A, Robertson G, van Kerrebroeck P, et al. Desmopressin (minirin®, ddavp®) oral treatment of nocturia in men. *J Urol* 165: supp250, 2001.
123. Sakamoto K, Weiss JP, **Blaivas JG**, Versi E. Cystometric and voiding diary-based bladder capacity in male and female patients with nocturia. *J Urol* 165:supp 298, 2001.
124. Groutz A, Weiss JP, **Blaivas JG**, Gerboc J. Does voiding position affect uroflow measurements in men undergoing uroflowmetry for lower urinary tract systems? *J Urol* 165:supp300, 2001.
125. Groutz A, Chaikin D, Theusen E, **Blaivas JG**. Use of cadaveric solvent-dehydrated fascia lata for cystocele repair—preliminary results. *Urology* 58:179-3, 2001.
126. Romanzi LJ, Groutz A, Feroz F, **Blaivas JG**. Evaluation of female external genitalia sensitivity to pressure/touch: a preliminary prospective study using Semmes-Weinstein monofilaments. *Urology* 57:1145-0, 2001.
127. Chaikin DC, **Blaivas JG**. Voiding dysfunction: definitions. *Curr Opin Urol* 11:395-8, 2001.
128. Nitti VW, Carlson KV, **Blaivas JG**, Dmochowski RR. Early results of pubovaginal sling lysis by midline sling incision. *Urology* 59:47-1, 2002.
129. Flisser AJ, **Blaivas JG**. The role of cystometry in evaluating patients with overactive bladder. *Urology* 60 (5s.1), 33-42, 2002.
130. Weiss, JP. **Blaivas JG**. Nocturnal polyuria versus overactive bladder in nocturia. *Urology*. 60(5 Supp 1): 28-32; discussion 32, 2002.
131. Staskin DR. Wein AJ. Andersson KE. Bauer SB. **Blaivas JG**. Burgio KL. Cardozo L. Chapple CR. Dmochowski RR. Gupta S. Mostwin JL. Ouslander JG. Weiss JP. King L. Overview consensus statement. *Urology*. 60(5 Suppl 1):1-6, 2002.
132. Flisser AJ, Walmsley K, **Blaivas JG**. Urodynamic classification of patients with symptoms of overactive bladder. *J. Urol* 169(2): 529-534, 2003
133. Fleischmann N, Flisser AJ, Panagopoulos G, and **Blaivas JG**. Sphincteric Urinary Incontinence:

Relationship Between Vesical Leak Point Pressure, Urethral Mobility, and Severity of Incontinence. *J. Urol.* 169(3): 999-1002, 2003.

134. Flisser AJ and **Blaivas JG**. Outcome of Urethral Reconstructive Surgery in a Series of 74 Women. *J. Urol.* 169(6): 2246-2249, 2003

135. Chou EC, Flisser AJ, Panagopoulos G, and **Blaivas JG** Effective Treatment for Mixed Urinary Incontinence with a Pubovaginal Sling. *J. Urol.* 170(2 part 1): 494-497, 2003

136. **Blaivas JG**. Flisser AJ. Bleustein CB. Panagopoulos G. Periurethral masses: etiology and diagnosis in a large series of women. *Obstetrics & Gynecology*. 103(5 Pt 1):842-7, 2004 May.

137. Flisser AJ. Figueroa J. Bleustein CB. Panagopoulos G. **Blaivas JG**. Pad test by mail for home evaluation of urinary incontinence. *Neurourol Urodyn.* 23(2):127-9, 2004.

138. Weiss JP. **Blaivas JG**. Tash Anger JA. Di Blasio CJ. Panagopoulos G. Gerboc J. Development and validation of a new treatment outcome score for men with LUTS. *Neurourol Urodyn.* 23(2):88-93, 2004.

139. **Blaivas JG**. Flisser AJ. Tash JA. Treatment of primary bladder neck obstruction in women with transurethral resection of the bladder neck. *J Urol.* 171(3):1172-5, 2004 Mar.

140. Weiss JP. **Blaivas JG**. Nocturia. *Advances in Experimental Medicine & Biology*. 539(Pt B):751-72, 2003.

141. **Blaivas JG**. Overactive bladder: symptom or syndrome? *BJU International*. 92(6):521-2, 2003 Oct.

142. Abrams P. **Blaivas JG**. Fowler CJ. Fourcroy JL. Macdiarmid SA. Siegel SW. Van Kerrebroeck P. The role of neuromodulation in the management of urinary urge incontinence *BJU International*. 91(4):355-9, 2003, March.

143. **Blaivas, JG**, Weiss, JP, Desai P, Flisser, AJ, Stember, DS, Stahl, PJ. Long-term follow-up of augmentation enterocystoplasty and continent diversion in patients with benign disease. *J Urol.* 173(5):1631-4. 2005

144. **Blaivas, JG**, Panagopoulos, G, Weiss, JP, Somaroo, C. 2006. Two types of urgency. 2006. *Int Urogyn J.* 17; Supp 3:S413

145. **Blaivas, JG** A new overactive bladder questionnaire and severity score. 2006. *Int Urogyn J.* 17; Supp 3:S395

146. **Blaivas JG**, Burnett AL, Wein AJ. Current trends in lower urinary tract health highlights from annual advances in genitourinary health: a scientific update. *J Urol.* 2006 Mar;175(3 Pt 2):S3-4.

147. Weiss JP, **Blaivas JG**. Nocturia in women. *Womens Health (Lond Engl)*. 2006. Jul;2(4):647-55..

148. **Blaivas JG**, Weiss JP, Jones M. The pathophysiology of lower urinary tract symptoms after brachytherapy for prostate cancer. *BJU Int.* 2006 Dec;98(6):1233-7; discussion 1237.

149. **Blaivas JG**. Overactive bladder and the definition of urgency. *Neurourol Urodyn.* 2007;26(6):757-8; discussion 759-60.

150. **Blaivas JG**, Panagopoulos G, Weiss JP, Somaroo C, Chaikin DC. The urgency perception score: validation and test-retest. *J Urol.* 2007 Jan;177(1):199-202.

151. **Blaivas JG**. "Do the math". *J Urol.* 2007 Aug;178(2):378.

152. **Blaivas JG**, Panagopoulos G, Weiss JP, Somaroo C. Validation of the overactive bladder symptom score. *J Urol.* 2007 Aug;178(2):543-7; discussion 547.

153. Weiss JP, **Blaivas JG**, Jones M, Wang JT, Guan Z; 037 Study Group. Age related pathogenesis of nocturia in patients with overactive bladder. *J Urol.* 2007 Aug;178(2):548-51; discussion 551.

154. Stember DS, Weiss JP, Lee CL, **Blaivas JG**. Nocturia in men. *Int J Clin Pract Suppl.* 2007 Sep;(155):17-22.

155. Chou EC, **Blaivas JG**, Chou LW, Flisser AJ, Panagopoulos G. Urodynamic characteristics of mixed urinary incontinence and idiopathic urge urinary incontinence. *Neurourol Urodyn.* 2008;27(5):376-8.

156. Purohit RS, **Blaivas JG**, Saleem KL, Sandhu J, Weiss JP, Reddy B, Sidhu RK. The pathophysiology of large capacity bladder. *J Urol.* 2008 Mar;179(3):1006-11.

157. **Blaivas JG**, Purohit RS. Post-traumatic female urethral reconstruction. *Curr Urol Rep.* 2008 Sep;9(5):397-404.

158. **Blaivas JG**, Panagopoulos G, Weiss JP, Somaroo C. Two types of urgency. *Neurourol Urodyn.* 2009;28(3):188-90.

159. Lewicky-Gaupp C, **Blaivas JG**, Clark A, McGuire EJ, Schaer G, Tumbarello J, Tunn R, DeLancey JO. "The cough game": are there characteristic urethrovesical movement patterns associated with stress incontinence? *Int Urogynecol J Pelvic Floor Dysfunct.* 2009 Feb;20(2):171-5.

160. Lin WY, Mannikarottu A, Li S, Juan YS, Schuler C, Javed Z, **Blaivas JG**, Levin RM. Correlation of in vivo bladder blood flow measurements with tissue hypoxia. *World J Urol.* 2009 Feb 4.

161. Cundiff GW, **Blaivas JG**, Newman D, Lerch VR, Dilley A. Predictors of variability in urinary incontinence and overactive bladder symptoms. *Neurourol Urodyn.* 2009 Aug 19.

162. Wein AJ, Boone T, **Blaivas JG**, Zimmern P, Rackley R, Vasavada S, Dmochowski R, Winters C. In memory of Rodney A. Appell (1948-2009). *Urology.* 2009 Oct;74(4):717-8.

163. **Blaivas JG.** Overactive bladder: a new paradigm. *Int Urogynecol J Pelvic Floor Dysfunct.* 2009 Oct 29.
164. **Blaivas JG**, Weiss JP. Benign prostatic hyperplasia and lower urinary tract symptoms. Preface. *Urol Clin North Am.* 2009 Nov;36(4):xi-xiii.
165. **Blaivas JG.** A round table discussion: case studies of patients with lower urinary tract symptoms. *Urol Clin North Am.* 2009 Nov;36(4):537-69, vii.
166. **Blaivas JG**, Marks BK, Weiss JP, Panagopoulos G, Somaroo C. Differential diagnosis of overactive bladder in men. *J Urol.* 2009 Dec;182(6):2814-7.
167. Lewicky-Gaupp C, **Blaivas J**, Clark A, McGuire EJ, Schaer G, Tumbarello J, Tunn R, DeLancey JO. "The cough game": are there characteristic urethrovesical movement patterns associated with stress incontinence? *Int Urogynecol J Pelvic Floor Dysfunct.* 2009 Feb;20(2):171-5.
168. Lin WY, Mannikarottu A, Li S, Juan YS, Schuler C, Javed Z, **Blaivas J**, Levin RM. Correlation of in vivo bladder blood flow measurements with tissue hypoxia. *World J Urol.* 2011 Apr;29(2):165-70.
169. **Blaivas JG**, Panagopoulos G, Weiss JP, Somaroo C. Two types of urgency. *Neurourol Urodyn.* 2009;28(3):188-90.
170. Stewart WF, Minassian VA, Hirsch AG, Kolodner K, Fitzgerald M, Burgio K, Cundiff GW, **Blaivas J**, Newman D, Lerch VR, Dilley A. Predictors of variability in urinary incontinence and overactive bladder symptoms. *Neurourol Urodyn.* 2010 Mar;29(3):328-35.
171. Wein AJ, Boone T, **Blaivas J**, Zimmern P, Rackley R, Vasavada S, Dmochowski R, Winters C. In memory of Rodney A. Appell (1948-2009). *Urology.* 2009 Oct;74(4):717-8.
172. **Blaivas JG**, Marks BK, Weiss JP, Panagopoulos G, Somaroo C. Differential diagnosis of overactive bladder in men. *J Urol.* 2009 Dec;182(6):2814-7.
173. **Blaivas JG.** Overactive bladder: a new paradigm. *Int Urogynecol J Pelvic Floor Dysfunct.* 2009 Dec;20(12):1401-2.
174. **Blaivas JG**, Weiss JP. Benign prostatic hyperplasia and lower urinary tract symptoms. Preface. *Urol Clin North Am.* 2009 Nov;36(4):xi-xiii.
175. **Blaivas JG.** A round table discussion: case studies of patients with lower urinary tract symptoms. *Urol Clin North Am.* 2009 Nov;36(4):537-69, vii.
176. Dmochowski RR, **Blaivas JM**, Gormley EA, Juma S, Karram MM, Lightner DJ, Luber KM, Rovner ES, Staskin DR, Winters JC, Appell RA; Female Stress Urinary Incontinence Update Panel of the American Urological Association Education and Research, Inc, Whetter LE. Update of AUA

guideline on the surgical management of female stress urinary incontinence. *J Urol.* 2010 May; 183(5):1906-14.

177. Chung DE, Purohit RS, Girshman J, **Blaivas JG**. Urethral diverticula in women: discrepancies between magnetic resonance imaging and surgical findings. *J Urol.* 2010 Jun;183(6):2265-9.

178. **Blaivas J**, McGuire EJ, Stöhrer M, Webster GD, Cameron AP. Management of difficult cases in female urology and neurourology at the Reed M. Nesbit society meeting. *Festschrift in honor of Edward J. McGuire, MD.* *Neurourol Urodyn.* 2010;29 Suppl 1:S2-12.

179. **Blaivas JG**. Urodynamics for the evaluation of painful bladder syndrome/interstitial cystitis. *J Urol.* 2010 Jul;184(1):16-7.

180. Burton C, Weiss JP, Parsons M, **Blaivas JG**, Coats AC. Reference values for the Nocturnal Bladder Capacity Index. *Neurourol Urodyn.* 2011 Jan;30(1):52-7.

181. Minassian V, Stewart W, Hirsch A, Kolodner K, Fitzgerald M, Burgio K, Cundiff G, **Blaivas J**, Newman D, Dilley A. The role of urgency, frequency, and nocturia in defining overactive bladder adaptive behavior. *Neurourol Urodyn.* 2010 Nov 11.

182. **Blaivas JG**, Chaikin DC. Pubovaginal fascial sling for the treatment of all types of stress urinary incontinence: surgical technique and long-term outcome. *Urol Clin North Am.* 2011 Feb;38(1):7-15, v.

183. Minassian V, Stewart W, Hirsch A, Kolodner K, Fitzgerald M, Burgio K, Cundiff G, **Blaivas J**, Newman D, Dilley A. The role of urgency, frequency, and nocturia in defining overactive bladder adaptive behavior. *Neurourol Urodyn.* 2011 Mar;30(3):406-11.

184. Ackerman AL, **Blaivas J**, Anger JT. Female Urethral Reconstruction. *CurrBladder Dysfunct Rep.* 2010 Dec;5(4):225-232. Epub 2010 Oct 19.

185. Weiss JP, **Blaivas JG**, Bliwise DL, Dmochowski RR, Dubeau CE, Lowe FC, Petrou SP, Van Kerrebroeck PE, Rosen RC, Wein AJ. The evaluation and treatment of nocturia: a consensus statement. *BJU Int.* 2011 Jul;108(1):6-21.

186. Zvarova K, Ursiny M, Giebink T, Liang K, **Blaivas JG**, Zvara P. Recording urinary flow and lower urinary tract symptoms using sonouroflowmetry. *Can J Urol.* 2011 Jun;18(3):5689-94.

187. **Blaivas JG**. Editorial comment. *Urology.* 2011 Oct;78(4):767.

188. Victor E, O'Connell KA, **Blaivas JG**. Environmental cues to urgency and leakage episodes in patients with overactive bladder syndrome: a pilot study. *J Wound Ostomy Continence Nurs.* 2012 Mar-Apr;39(2):181-6.

189. Weinberg AC, Brandeis GH, Bruyere J, Tsui JF, Weiss JP, Rutman MP, **Blaivas JG**. Reliability and validity of the Overactive Bladder Symptom Score in Spanish (OABSS-S). *Neurourol Urodyn*. 2012 Jun;31(5):664-8.
190. Rutman MP, Cha DY, **Blaivas JG**. How do urodynamics findings influence the treatment of the typical patient with overactive bladder? *Curr Urol Rep*. 2012 Oct;13(5):370-8.
191. **Blaivas JG**, Santos JA, Tsui JF, Deibert CM, Rutman MP, Purohit RS, Weiss JP. Management of urethral stricture in women. *J Urol*. 2012 Nov;188(5):1778-82.
192. Weiss JP, **Blaivas JG**, Blanker MH, Bliwise DL, Dmochowski RR, Drake M, Dubeau CE, Hijaz A, Rosen RC, Van Kerrebroeck PE, Wein AJ. The New England Research Institutes, Inc. (NERI) Nocturia Advisory Conference 2012: focus on outcomes of therapy. *BJU Int*. 2013 Jan 29.
193. **Blaivas JG**, Purohit RS, Weinberger JM, Tsui JF, Chouhan J, Sidhu R, Saleem K. Salvage Surgery after Failed Treatment of Synthetic Mesh Sling Complications. *J Urol*. 2013 Mar 19.

Book Chapters, Reviews and Editorials:

1. **Blaivas JG**, Labib KB, Bauer SB, Retik AB. Changing Concepts in the Urodynamic Evaluation of Children. In: *Urinary System Malformation in Children*, Edited by Bergsman D, Duckett JR. New York, Alan R. Liss., vol XIII, chapt.V,1977.
2. **Blaivas JG**. Understanding Combined Cystometry and Urethral Sphincter Electromyography. *Infection Control and Urological Care*. 2:13,1977.
3. **Blaivas JG**, Ferrone JD. Urologic Complications in the Critically Ill Orthopedic Patient. *Orthop Clin N Amer*, 9:825,1978.
4. **Blaivas JG**. New Concepts in the Diagnosis and Treatment of Impotence. *Infection Control & Urologic Care* 3:12,1978.
5. **Blaivas JG**. Investigative Methods of NeuroUrology. In: *Clinical Neurourology*, Edited by Krane RJ, Siroky M. Little, Brown & Co 5:67-105,1979.
6. **Blaivas JG**. Vascular and Neurourologic Tests in Impotence (reply to letter). *Human Sexuality*, 14:25,1980.
7. **Blaivas JG**. Libido After Vasectomy, *Human sexuality* (reply to letter). 15:93,1981,
8. **Blaivas, J.G.**: Test for Sterility After Vasectomy (reply to letter). *Human Sexuality* 15:23,1981.

9. **Blaivas JG.** The Diagnosis and Treatment of Erectile Dysfunction. International Congress Series. No. 566, Sexology Eds: Hoch Z, Leif HI. Excerpta Medica, Amsterdam-Oxford Princeton:182-7,1981.
10. **Blaivas JG.** Editorial: Why Now? *Neurourol Urodyn* 1:1-2,1982.
11. **Blaivas JG.** Editorial: Detrusor Instability and Other "Words." *Neurourol Urodyn* 2:125,1982.
12. **Blaivas JG.** Editorial: Benign Prostatic Hypertrophy: The Urologists Salvation. *Neurourol Urodyn* 2:239-0,1982.
13. **Blaivas JG.** AUA Home Study Series V: Urinary Incontinence, 1982.
14. **Blaivas JG.** The Diagnosis and Treatment of Lower Urinary Tract Disorders. *Cont Ed Fam Phys* 18:723,1983.
15. **Blaivas JG.** AUA Home Study Series VI: Urinary Diversion, 1983.
16. **Blaivas JG.** Urodynamics: The Second Generation (guest editorial). *J Urol* 129:783,1983.
17. Nagler HM, **Blaivas JG.** Castrations and Sexual dysfunction. *Human Sexuality* 17:3,1983.
18. **Blaivas JG.** Urodynamic Testing, In: Female *Urology*, Edited by Raz S. W.B. Saunders Co., 2, 1983.
19. **Blaivas JG.** Electromyography, In: Controversies in *NeuroUrology*, Edited by Wein AJ, Barrett DM. New York: Churchill-Livingston, Inc., 3:103-16,1983.
20. **Blaivas JG.** Indications for Multichannel Urodynamics Studies. In: Controversies in *NeuroUrology*, Edited by Wein AJ, Barrett DM. New York: Churchill-Livingston, Inc. 5:157-90,1983.
21. **Blaivas JG.** Editorial: Where is the Sympathetic Nervous System and What Does it do for the Urethral Sphincter? *Neurourol Urodyn* 2:1-2,1983.
22. **Blaivas JG.** Editorial: Classification of Stress Incontinence. *Neurourol Urodyn* 2:103-4,1983.
23. **Blaivas JG.** Editorial: The "External Urethral Sphincter." *Neurourol Urodyn* 2:191-2,1983.
24. **Blaivas JG.** Editorial: Bladder Outlet Obstruction. *Neurourol Urodyn* 2:267-8,1983.
25. **Blaivas JG.** Differential Diagnosis of Benign Prostatic Hypertrophy. In: *Benign Prostatic Hypertrophy*, Edited by Hinman F. New York: Springer-Verlag. 78: 747-62,1983.
26. **Blaivas JG.** Inflatable Penile Prosthesis. In: *Male Sexual Dysfunction*, Edited by Krane, R.J., Siroky, M., Boston: Little Brown & Co. 24:275-89,1983.

27. **Blaivas JG.** AUA Update Series: Non traumatic Neurogenic Voiding Dysfunction in the Adult: Part I Physiology and Approach to Therapy lesson 11, Volume IV.
28. **Blaivas JG.** AUA Update Series: Non Traumatic Neurogenic Voiding Dysfunction in the Adult: Part II Multiple Sclerosis and Diabetes Mellitus lesson 12, Volume IV.
29. **Blaivas JG**, Holland NJ, Giesser B, LaRocca N, Madonna M, Scheinberg S. Multiple Sclerosis Bladder Studies and Care. In: Multiple Sclerosis: Experimental and Clinical Aspects. Ann. NY Acad Sci 436:328,1984.
30. **Blaivas JG.** Electromyography and Sacral Evoked Responses. In: *Urodynamics: Principles, Practices, Practice and Applications*, Edited by Mundy AR, Stephenson TP, Wein AJ. London: Churchill-Livingston.14,1984.
31. **Blaivas JG.** Editorial: The Divestiture of the American Telephone and Telegraph Company: Electrical Stimulation for Urinary Incontinence. *Neurourol Urodyn* 3:143-4,1984.
32. **Blaivas JG.** Editorial: If you Currently Prescribe Bethanechol Chloride for Urinary Retention Please Raise Your Hand. *Neurourol Urodyn* 3:209-0,1984.
33. Mundy AR, **Blaivas JG.** Non-traumatic Neurological Disorders. In: *Urodynamics: Principles, Practices, Practice and Applications*, Edited by Mundy AR, Stephenson TP, Wein AJ. London: Churchill-Livingston, 1984.
34. Posner CM, **Blaivas JG.** The Evaluation of Sexual Dysfunction in Multiple Sclerosis. In: The Diagnosis of Multiple Sclerosis, Edited by Poser C, New York: Thieme-Stratton Inc. 8:94-3,1984.
35. Nagler HM, deVere White R, **Blaivas JG.** Impotence: Diagnosis and Treatment. In: *Human Sexuality Psychosexual Effects of Disease*, Edited by Farber, M. New York: MacMillan Publishing Co. 20:240-64,1985.
36. Benson MC, Olsson CA, **Blaivas JG.** The Diagnosis if Bladder Outlet Obstruction. Benign Prostatic Hyperplasia Volume II. P. 276.U.S. Department of Health and Human Services.1985.
37. **Blaivas JG.** Editorial: An Objective Assessment of Incontinence. *Neurourol Urodyn* 4:1-2,1985.
38. **Blaivas JG.** Editorial: Medical Communication Network of the 80's-The News Media. *Neurourol Urodyn* 4:75-6,1985.
39. **Blaivas JG.** Urologic Abnormalities in the Tethered Spinal Cord. In: *The Tethered Spinal Cord*, Edited by Holtzman RN, Stein BM, New York: Thieme-Stratton Inc. 5:59-74,1985.
40. **Blaivas JG.** Pathophysiology of Lower Urinary Tract Dysfunction. *Urol Clin NA*.12:215-24,1985.

41. **Blaivas JG.** Pathophysiology of Lower Urinary Tract Dysfunction. *Clin Obstet Gynacol* 12:295-09,1985.
42. **Blaivas JG.** Pathophysiology of Lower Urinary Tract Dysfunction in Women. *Clin Obstet Gynacol* 12:2,1985.
43. **Blaivas JG.** Pathophysiology of Lower Urinary Tract Dysfunction. *Clinics in Obstetrics and Gynaecology*. 12:295,1985.
44. **Blaivas JG**, Berger Y. Surgical Treatment for Male Geriatric Incontinence. *Clin Geriat Med* 2:777-87,1986.
45. **Blaivas JG.** Post-prostatectomy Urinary Incontinence. In: *Current Therapy in Genitourinary Surgery*, Edited by Resnick M, Kursh E, Philadelphia: B.D. Decker Inc., 1987.
46. **Blaivas JG.** Cystometry. In: *New Techniques in Urology*, Edited by deVere White R, Palmer J, Mt. Kisco: Futura Publishing Co. 13, 1987.
47. **Blaivas JG.** Sphincter Incontinence in the Female, AUA Update Series, 1987.
48. Nagler H, **Blaivas JG.** Impotence, Treatment: In: *Andrology*, Edited by Pryor J, Lipshultz L: Butterworth & Co.,10, 1987.
49. **Blaivas JG.** Urinary Problems in Multiple Sclerosis and Other Spinal Cord Diseases. In: *Current Therapy in Neurourologic Disease*, Edited by Johnson RT. Philadelphia: B.C. Decker, Philadelphia, 144-7,1987.
50. **Blaivas JG.** A Modest Proposal for Diagnosis and Treatment of Urinary Incontinence in Women. (Guest Editorial), *J Urol* 138:597,1987.
51. **Blaivas, J.G.:** Editorial: Morphology and Function. A Multi-Disciplinary, Multi-Institutional Approach .*Neurourol Urodyn* 8:87,1989.
52. **Blaivas JG.** Kaplan SA. A Practical Approach to the Diagnosis of Urinary Incontinence. Seminars in NeuroUrology. June, 1988.
53. **Blaivas JG**, Kaplan SA. Urological Dysfunction in Patients with Multiple Sclerosis. *Seminars in Neuropathology*. June, 1988.
54. **Blaivas JG.** Urodynamic Techniques, CH12, In: *Principles and Practice of Urodynamics and Neurourology*, Edited by Yalla S, McGuire EM, Elbadawi A, **Blaivas JG.** New York: MacMillan Publishing Co., 1988.

55. **Blaivas JG.** Neurourologic dysfunctions. In: *Principles and Practice of Urodynamics and Neurourology*, Edited by Yalla S, McGuire EM, Elbadawi A, **Blaivas JG**. New York: MacMillan Publishing Co. 28,1988.

56. **Blaivas JG.** Urinary Bladder Problems in Parkinson's disease. In: *Current Opinion in Neurourology and Neurosurgery*, 1:284-6,1988.

57. **Blaivas JG.** Urinary Incontinence (guest editor), Seminars in *Urology*, May, 1989.

58. **Blaivas JG**, Kaplan SA. Bladder Dysfunction in Patients with Multiple Sclerosis. *Contemp Urol* June/July,1989.

59. Kaplan SA, **Blaivas JG**, Brown WC, Schuessler G. Parameters of Detrusor Contractility: The Effect of Bladder Volume and Outlet Resistance on Qmax, Power and Work in In-Vitro Whole Rabbit Model. *Neurourol Urodyn* 8:375-6,1989.

60. **Blaivas JG.** Evaluation of Bladder Outlet Obstruction, Ch10, In: *Prostate Disorders*. Paulson, D. Ed., Lea & Febiger, Philadelphia,173-92,1989.

61. **Blaivas JG.** Diagnostic Evaluation, Seminars in *Urology* 7:65-78,1989.

62. **Blaivas JG**, Chancellor M. Complicated Stress Incontinence, Seminars in *Urology* 7:103-17,1989.

63. **Blaivas JG**, Brown WC, Kaplan SA. Management of Bladder Dysfunction in Stroke Patients. *Contemp Urol* 47, Jan./Feb. 1990.

64. **Blaivas JG**, Kaplan SA. Management of BPH. Hospital Medicine. May 1990.

65. Kaplan SA, **Blaivas JG**. Management of Bladder Problems of the MS Patient. *J Enterostomal Therapy*. June 1990.

66. **Blaivas JG**, Chancellor M, Kaplan SA. Detrusor-External Sphincter Dyssynergia. CIBA Foundation Symposium 151, Neuro-biology of Incontinence. John Wiley & Sons, Chinchester, 195-206,1990.

67. **Blaivas JG.** Multichannel Urodynamic Studies in Men with Benign Prostatic Hyperplasia: Indications and Interpretation, *Urol Clin NA* 17:543-52,1990.

68. **Blaivas JG.** Editorial Comment on Thind, Gerstenberg and Filde. *J Urol* 143:325, 1990.

69. Galloway NTM, **Blaivas JG**. Electromyography in Lower Urinary Tract Dysfunction, chapt. 22, In: *Diagnostic Techniques in Urology*. O'Reilly PH, George,NJR, Weiss RM, W.B.Saunders Company, Philadelphia, 335-52,1990.

70. **Blaivas JG.** Pubovaginal Sling Procedure, In: *Current Operative Urology*, Edited by Whitehead ED. J.B. Lippincott Co., Philadelphia, 93-101,1990.

71. **Blaivas JG.** Mechanism of Micturition, CH34, In: *Scientific Foundation of Urology*, Edited by Chisolm G and Fair W. Year Book Medical Publishers, Chicago, 273-85,1990.
72. **Blaivas JG.** The Neurological Evaluation: Urodynamic and Videourodynamic Examination, CH59, In: *Clinical Urography*, Pollack, HN, Editor, Philadelphia.1935-50,1990.
73. Amis ES, **Blaivas JG.** The Role of the Radiologist in Evaluating Voiding Dysfunction, Guest Editorial. *Radiology* 175:317-8,1990.
74. **Blaivas JG.** Multichannel Urodynamic Studies in Men with Benign Prostatic Hyperplasia., *Urol Clin North Am* 17:543-2,1990.
75. Kaplan SA, **Blaivas JG.** Voiding Dysfunction in Patients with Multiple Sclerosis, *J Enterostomal Ther* 17:120-9,1990.
76. **Blaivas JG.** Editorial Comment on Ramon, Mekras and Webster, *J Urol* 144:108,1990.
77. Amis ES, **Blaivas JG.** Neurogenic Bladder Simplified, *Radiol Clin NA* 29:571-0,1991.
78. **Blaivas JG.** Video-Urodynamics. In: *Clinical Neuro-Urology* Second Edition, Edited by Krane R, Siroky M, Boston: Little, Brown & Co., 265-74,1991.
79. **Blaivas JG.** Chancellor MB. Transurethral Incision of the Prostate: An Alternative to Prostatectomy? Problems in Urology: Controversies and Advances in the Treatment of Benign Prostatic Hyperplasia. 5:412-8,1991.
80. **Blaivas JG.** Treatment of Female Incontinence, Secondary to Urethral Damage or Loss, *Urol Clin NA* 18:355-4,1991.
81. **Blaivas JG.** Treatment of Female Incontinence Secondary to Urethral Damage or Loss. Leach GE, Editor. *Urol Clin NA*. May, 1991.
82. **Blaivas JG**, Oliver L. Pathophysiology of Urinary Incontinence, chapt. 2, In: *Urinary and Fecal Incontinence*, Edited by Dorothy B. Doughty. Mosby Year Book. St. Louis, 1991.
83. **Blaivas JG.** Benign Prostatic Hypertrophy, *Conn's Current Therapy*, W. B. Saunders Co. 649-3,1991.
84. Chancellor MB, **Blaivas JG.** Diagnostic Evaluation of Incontinence in Patients with Neurological Disorders. *Comprehensive Therapy* 17:37,1991.
85. **Blaivas JG.** Editor's reply letter to Sotolongo JR. Effects of Guanabenz on Bladder Function After Spinal Cord Injury. *Neurourol Urodyn* 10:517-8,1991.

86. **Blaivas JG.** Vaginal prolapse In: *Current therapy in Genitourinary Surgery*, Second Edition, Edited by Resnick MJ, Kursh ED. B.C. Decker. 238-86,1992.
87. **Blaivas JG.** Editorial Comment on Raz et al, *J Urol* 148:850,1992.
88. **Blaivas JG**, Chancellor MB. Detrusor Instability Incontinence. *Urogynecologic Surgery*, Edited by Hurt G. Aspen Publishers, Inc. 107. 1992.
89. **Blaivas JG.** Editorial Comment on Rollema and Van Mastrigt, *J Urol* 148:115,1992.
90. Mostwin JL, Sotolongo JR, **Blaivas JG.** Overview: Anatomy of Female Incontinence, CH80, In: *Surgical Management of Urodynamic Disease*. Mosby Yearbook, St. Louis. 1043-54,1992.
91. Hald T, **Blaivas JG**, Buzelin JM, Hamma Y, Light K, Thuroff J, et al. Anatomy and Aetiology of Micturition Disorders in Old People and the Role of BPH in the Pathology, Proceedings of the International Consultation on Benign Prostatic Hyperplasia (BPH). World Health Organization, 1992.
92. **Blaivas JG.** Special Commentary: Surgery of the Bladder. Master of Surgery, by Fowler JE. *Urologic Surgery*. 288-9,1992.
93. **Blaivas JG.** Editorial Comment on van Waalwijk van Doorn, Remmers and Janknegt. *J Urol* 147:1326,1992.
94. **Blaivas JG.** Chancellor MB. Detrusor Instability Incontinence. In: *Urogynecologic Surgery*, Edited by Hurt WG, Aspen Publication 6, 1992.
95. Chancellor MB, **Blaivas JG.** Diagnostic Evaluation. Problems in Urology: NeuroUrology and Its Role in Urologic Disease: Part I. **Blaivas** and Chancellor Guest Editors, 6:4, 604, 1992.
96. **Blaivas JG.** Parkinson's Disease, Multiple Sclerosis, Diabetes. In: *Current Urologic Therapy # 3*, Edited by Hanno PM, W. B. Saunders, 1993.
97. **Blaivas JG.** Female Urethral Reconstruction. In: *Reconstructive Urology*, Edited by Webster G, Kirby R, King L, Goldwasser B, Blackwell Scientific Publications, 63, 1993.
98. **Blaivas JG.** The Use of Slings for Female Stress Incontinence. In: *Reconstructive Urology*, Edited by Webster G, Kirby R, King L, Goldwasser B, Blackwell Scientific Publications, 66, 1993.
99. **Blaivas JG.** Editorial: Incontinence. *J Urol* 150:1455,1993
100. **Blaivas JG.** Editorial: Urinary Symptoms and Symptom Scores. *J Urol* 150:1714,1993.
101. **Blaivas JG.** Pubovaginal Sling. In: *Female Urology*, Edited by Kirsh ED, McGuire EJB. Lippincott, 17, 1993.

102. Chancellor MB, **Blaivas JG**. Injury to the Genitourinary Tract Associated with Pelvic and Sacral Fractures and Their Management (The Columbia University Perspective). In: *Surgical Disorders of the Sacrum*, Edited by Doty JR. Rengachary SS, 1993.
103. Chancellor MB, **Blaivas JG**. Interstitial Cystitis. In: *Female Urology*, Edited by Kursh, E.D., McGuire, E., J.B. Lippincott, 1993.
104. Chancellor MB, **Blaivas JG**. Physiology of the Lower Urinary Tract. In: *Female Urology*, Edited by Kursh, E.D., McGuire, E., J.B. Lippincott, CH3, 1993.
105. DeMarco EF, **Blaivas JG**. Voiding Disorders. *Current Opinion in Urology*, 1993.
106. Abrams P, **Blaivas JG**, Nordling J, et al. The Objective Evaluation of Bladder Outflow Obstruction . In: Cockett ATK, Khoury S, Aso Y, et al (eds.) Proceedings of the 2nd International Consultation on Benign Prostatic Hyperplasia (BPH) Jersey, Scientific Communications International Ltd: 151-226,1993.
107. **Blaivas JG**. Urinary Incontinence After Radical Prostatectomy (Part 1). *Urology International* 1:4, 1994.
108. **Blaivas JG**. Editorial Comment on Kabalin, *J Urol* 152:1466,1994.
109. Kaplan SA, **Blaivas JG**, Bruer A. Urogenital Physiology. In: *Rehabilitation Medicine*, Edited by Downey, 501,1994.
110. **Blaivas JG**, Kaplan SA. The Evaluation and Management of the Neurogenic Bladder, Edited by Pang D. Disorders of the pediatric spine.
111. Chancellor MB, **Blaivas JG**. Injury to the Genitourinary Tract Associated with Pelvic and Sacral Fractures and Their Management (The Columbia University Perspective). *Surgical Disorders of the Sacrum*, Edited by Doty JR, Rengachary SS. Thieme Medical Publishers, Inc. p. 159, 1994.
112. **Blaivas JG**. Diabetes, Multiple Sclerosis, and Parkinson Disease. In: *Current Urologic Therapy*, 3rd Edition, Edited by Seidmon EJ, Hanno P. WB Saunders Co;1994.
113. Shabsigh R, **Blaivas JG**. Urinary and Sexual Dysfunction. In: *Cancer of the Colon, Rectum, and Anus*, Edited by Cohen AM, Winawer SJ. McGraw-Hill Inc. 80;1995.
114. **Blaivas JG**. Urodynamic Case Study: Worsening Urge Incontinence, Frequency, and Nocturia in a 53-year-old man. *Contemp Urol* 7:12,1995.
115. **Blaivas JG**. Editorial: Seeking Truth. *Neurourol Urodyn* 14:1-2,1995.
116. **Blaivas JG**. Keys to Successful Pubovaginal Sling Surgery, *Contemporary OB/Gyn* 40:(3)46-61,1995.

117. **Blaivas JG.** Editorial Comment on Morgan. *J Urol* 154:1015,1995.
118. **Blaivas JG.** Editorial Comment on Diokno and Yuhico. *J Urol* 154:1731,1995.
119. **Blaivas JG.** Editorial Comment on Radomski. *J Urol* 153:688,1995.
120. **Blaivas JG.** Editorial Comment on Rosier et al. *J Urol* 153:1525,1995.
121. **Blaivas JG.** Synchronous Multichannel Videourodynamic Studies, In: *Topics in Clinical Urology*; New Diagnostic Tests, Resnick, M.I., Spirnak, J.P.(eds.), Igaku-Shoin, New York, 2:8-24, 1995.
122. Romanzi LJ, Heritz DM, **Blaivas JG.** Preliminary Assessment of the Incontinent Woman. *Urol Clin of NA*. Edited by Klutke CG, Raz S.W.B. Saunders. 113,1995.
123. Romanzi LJ, **Blaivas JG.** Surgical Treatment of Female Urethral Diverticula and Female Urethral Reconstruction. *Reconstructive Surgery of the Lower Genitourinary Tract in Adults*. Edited by Mansson W, Colleen S. Isis Medical Media, 1995.
124. **Blaivas JG.** Intrinsic Sphincter Deficiency, In: *Campbell's Urology*, update 17, Walsh PC, Retik AB, Stamey TA, Vaughn ED, Wein AJ (eds.), WB Saunders, Philadelphia,1996.
125. **Blaivas JG**, Heritz DM. Classification, Diagnostic Evaluation and Treatment Overview. *Topics in Clinical Urology:Evaluation and Treatment of Urinary Incontinence*, Edited by **Blaivas JG**. Igaku-Shoin Medical Publishers 22, 1996.
126. **Blaivas JG**, Heritz DM. Surgery for Stress Incontinence in Women. *Topics in Clinical Urology:Evaluation and Treatment of Urinary Incontinence*, Edited by **Blaivas JG**. Igaku-Shoin Medical Publishers, p. 90, 1996.
127. **Blaivas JG.** Synchronous Multichannel Videourodynamic Studies. *Topics in Clinical Urology: New Diagnostic Tests*, Edited by Resnick MI, Spirnak JP. Igaku-Shoin Medical Publishers: 90, 1996.
128. Heritz DM, Romanzi LJ, **Blaivas JG.** Timing and Approach to Vesicovaginal Fistula Repair: What is Best? *Contemp Urol* 8:5,1996.
129. **Blaivas JG.** Intrinsic Sphincter Deficiency. *Campbell's Urology Update* 17. 1996.
130. **Blaivas JG**, Rohner TJ, Loughlin KR. The AHCPR Incontinence Guideline: Politically Correct or Practical Medicine? *Contemp Urol*. 8:10,1996
131. **Blaivas JG.** Urodynamics. *Fast Facts: Urology Highlights* 1996; Healthpress, Abingdon, UK, 1996.
132. **Blaivas JG.** Case Studies in Voiding Dysfunction. *Contemp Urol*. 8:5 8:9;8:11,1996.
133. **Blaivas JG.** Urodynamics. *Urology Highlights*. 41,1996.

134. **Blaivas JG.** Editorial Comment on El Din et al. *J Urol* 155:1022,1996.
135. **Blaivas JG.** Editorial: The Bladder is an Unreliable Witness? *Neurourol Urodyn* 15:443,1996.
136. **Blaivas JG.** Heritz DM. Evaluation of Urinary Tract Dysfunction. *Female Urology* Second Edition, Edited by Raz S. W.B. Saunders Company: 89,1996.
137. **Blaivas JG,** Heritz DM. Periurethral Injections of Autologous Fat for the Treatment of Incontinence. *Female Urology* Second Edition, Edited by Raz S. W.B. Saunders Company:406, 1996.
138. **Blaivas, J.G.,** Heritz, D.M.: Reconstruction of the Damaged Urethra. *Female Urology* Second Edition, Editor: Raz, Schlomo, W.B. Saunders Company, p 584, 1996.
139. **Blaivas JG.** Physiology and Assessment of Outflow Obstruction: A Urodynamic and Fluoroscopic Perspective. Smith's Textbook of *EndoUrology*, CH66, 1996.
140. **Blaivas JG.** Case Studies in Voiding Dysfunction. *Contemp Urol* 9:2,1997.
141. **Blaivas JG.** Practical Advice on the AUA Guidelines for SUI Incontinence. *Contemp Urol* 9:8,1997.
142. Chaikin DC, **Blaivas JG.** Urodynamics. *Fast Facts:Urology Highlights* 1997. Healthpress, Abingdon, UK, 1997.
143. Heritz DM, **Blaivas JG.** Tratamiento de la Incontinencia Urinaria en la Mujer. Urodinamia: *Principios y Alplicaciones Clinicas*. Sao-Paulo. 217.
144. Romanzi LG, **Blaivas JG.** Office Evaluation of Incontinence, In: *Urinary Incontinence*, Edited by O'Donnell PD. 7:48-54, 1997.
145. **Blaivas JG.** Editorial: What Part Art? *Neurourol Urodyn* 16:77,1997.
146. **Blaivas JG.** Editorial: Cure. *Neurourol Urodyn* 16:143,1997.
147. **Blaivas JG.** Editorial: Degrees of Certainty. *Neurourol Urodyn* 16:235,1997.
148. **Blaivas JG.** Editorial: A Plea for She. *Neurourol Urodyn* 16:519,1997.
149. **Blaivas JG.** Physiology and Assessment of Outflow Obstruction: A Urodynamic and Fluoroscopic Perspective. In: *Smith's Textbook of EndoUrology*, Edited by Quality Medical Publishing, Inc., CH66, pages 1043-1052, 1997.
150. **Blaivas JG.** Romanzi LJ. Office Evaluation of Incontinence. *Urinary Incontinence*, Edited by O'Donnell PD, Mosby. 48,1997.
151. **Blaivas JG,** Heritz DM. Videourodynamics. *Urinary Incontinence*, Edited by O'Donnell PD. Mosby, 106,1997.

152. **Blaivas JG.** The Role of Surgery in Detrusor Instability (DI). *Int Urogyn J and Pelvic Floor Dysfunc.* 8:1.1997.
153. Weiss JP, **Blaivas JG:** A Practical Approach to Nocturia in Adults. *Contemp Urol* 10:8,1998.
154. Chaikin DC, Romanzi LJ, **Blaivas JG.** Genital Prolapse: Urinary Symptoms and Evaluation of Patients. *Contemp Urol* 10:11, 1998.
155. Chaikin DC, **Blaivas JG.** Case Studies in Voiding Dysfunction. *Contemp Urol* 10:9, 1998.
156. **Blaivas JG.** Editorial: If You Build It, They Will Come. *Neurourol Urodyn* 17:1-2,1998.
157. **Blaivas JG.** Editorial: (On Roshoshana it is written and on Yom Kippur it is sealed Who shall live and who shall die). *Neurourol Urodyn* 17:87-8,1998.
158. **Blaivas JG.** Editorial: Eliminate the Middlemann. *Neurourol Urodyn* 18:157-8,1998
159. **Blaivas JG.** Editorial: Medical Identification Numbers: A Good Idea That Won't Work . . . Yet. *Neurourol Urodyn* 17:465-6,1998.
160. **Blaivas JG.** Editorial: Health Care for All. *Neurourol Urodyn* 17:577-8,1998.
161. **Blaivas JG**, Romanzi LJ, Heritz DM. Urinary Incontinence: Pathophysiology, Evaluation, Treatment Overview, and Non-Surgical Management: *Campbell's Urology*, Seventh Edition, 1007, Walsh, P.C., Retik, A.B., Vaughan. E., Wein, A.J., (eds.), WB Saunders, Philadelphia,1998
162. **Blaivas JG**, Chaikin DC, Romanzi LJ, Heritz DM. Urodynamic Characteristics of Detrusor Overactivity. ICS '98 Abstract, 1998.
163. **Blaivas JG.** Reconstruction of the Severely Damaged Female Urethra. *Glenn's Urologic Surgery*, Fifth Edition, Graham, S.D. and Glenn, J.F. editors. Lippincott-Raven Publishers. 415, 1998.
164. **Blaivas JG.** CH9: Videourodynamic Studies, pg 78; CH14: Bladder Outlet Obstruction in Men, pg 156. *Practical Urodynamics*, (Nitti, VM), W.B. Saunders Company, USA, 1998.
165. **Blaivas JG.** Editorial: Making Doctors. *Neurourol Urodyn* 18:1-2,1999.
166. **Blaivas JG.** Editorial: Classifying Stress Urinary Incontinence. *Neurourol Urodynam* 18:71-2,1999.
167. **Blaivas JG.** Editorial: Female Urology/Urogynecology, *Neurourol Urodynam* 18:417-8,1999.
168. Appell, R.A., Chancellor, M. B.: Urge Incontinence: Pathophysiology and Management. In: A Supplement to *Contemp Urol*, Edited by **Blaivas JG.** March 1999.
169. **Blaivas JG**, Weiss JP. Practical Strategies for Nocturia in Adults. *Patient Care*, 147, April 1999.

170. **Blaivas JG**, Sand PK. A Straightforward Approach to Urinary Incontinence., A Supp. To *Patient Care*, pp. 2-10, March 1999.

171. **Blaivas JG.** Editorial: Female Urology/Urogynecology. *J Urol* 159:1202,1998.

172. Chaikin DC, **Blaivas JG.** Neuropathic Voiding Dysfunction. Pelvic Floor Dysfunction – Investigations and Conservative Treatment, Edited by Appell RA, Bourcier AP, LaTorre F. Casa Editice Scientifica Internazionale, Rome, Italy. 51, 1999.

173. Mattiasson A, Peters T, Schafer W, **Blaivas JG**, Jonas U, Stanton S, et al. Research Methodology in Incontinence. Incontinence. Editors: Abrams P, Khoury S, Wein A. Health Publication Ltd, Plymouth, UK. 893, 1999.

174. **Blaivas JG.** Editorial: Defining Words: Overactive Bladder. *Neurourol Urodyn* 18:417-8,1999.

175. **Blaivas JG.** Editorial: Conflict of Interest.com. *Neurourol Urodyn* 18:543-4,1999.

176. **Blaivas JG**, O'Donnell TF, Gottlieb P, Labib KB. Measurement of Bulbocavernosus Reflex Latency as Part of a Comprehensive Evaluation of Impotence. In: *Vasculogenic Impotence*, Edited by Zorgniotti AW, Springfield RG, Thomas C.Rossi G. Springfield: C. Thomas. 2:49-65,1999.

177. **Blaivas JG**, Chaikin DC, Evans RJ, Sant GR. Symposium: Management of Painful Bladder Syndrome. A Supplement to *Contem Urol*, November 1999.

178. **Blaivas JG.** Female urology/urogynecology. *Neurourol Urodyn*. 18(3):161-2, 1999.

179. Groutz A, **Blaivas JG.** Pubovaginal sling for urinary stress incontinence In: *Urogynecology Illustrate*, Edited by Palma P, Netto NR. Lemos Editorial, 1999.

180. **Blaivas JG.** Editorial: Physician, Heal Thyself: Caveat Emptor. *Neurourol Urodyn* 19:1-2, 2000.

181. **Blaivas JG.** Multiple Sclerosis. In: *Voiding Dysfunction Diagnosis and Treatment*, Edited by Appell RA. Humana Press. 83, 2000.

182. **Blaivas JG.** Editorial: Keeping Score. *Neurourol Urodyn* 19:111-2, 2000.

183. **Blaivas JG.** Female lower urinary tract symptoms: Pharmacotherapeutic consequences. *BJU International* 86:suppl:1-10. 2000

184. **Blaivas JG.** Editorial: Freedom of the Press and the Public's Right to Know. *Neurourol Urodyn* 19:211, 2000.

185. Weiss JP, **Blaivas JG.** Nocturia. *J Urol* 103:1:5-12, 2000

186. **Blaivas JG.** Editorial Board Comment: Comparison of In Situ Vaginal Wall Sling Procedures by Serels RA, Rackley RR, Appell RA. *Contemp Urol* 12:8;48, 2000

187. **Blaivas JG.** Groutz A. Urinary Incontinence: Pathophysiology, evaluation and management overview. In: *Campbell's Urology*, P.C. Walsh, A.J. Wein, E.D. Vaughan, A.B. Retik, eds. W.B. Saunders Company, Philadelphia, PA, 8th edition, CH27. 2000.
188. **Blaivas JG.** Groutz A. Surgical Treatment of Stress Urinary Incontinence. In: *Clinical Applications in Urodynamics*. C.A. Levi D'Ancona, N.R. Netto, eds. Unicamp, Campinas, SP, 2nd edition, 2000.
189. **Blaivas JG.** Editorial: The Litigation Lottery: Tort Reform. *Neurourol Urodyn* 19:551-2.2000.
190. **Blaivas JG**, Appell RA. Female Pelvic Medicine and Reconstructive Surgery Fellowships. *Neurourol Urodyn* 19:635-6,2000.
191. Weiss, JP and **Blaivas, JG**: Spectrum of urodynamic diagnoses in men with lower urinary tract symptoms: community practice experience. *J Urol*, 163: 227, 2000
192. **Blaivas JG.** Phelan MW, Chancellor MB, Detrusor Overactivity, In: *Urogynecologic Surgery*, Edited by Hurt WG. Lippincott Williams and Wilkins., Philadelphia, 113-140, 2000.
193. Blaivas, JG. Urethral reconstruction in women, In: *Atlas of the Urologic Clinics of North America; Vaginal reconstructive surgery*, WB Saunders, 8(1): 151-168, 2000.
194. **Blaivas JG.** Case Studies in Voiding Dysfunction, *Contemp Urol* April 2001
195. **Blaivas JG.** The Overactive Bladder; Understanding the dysfunctional bladder. A Supplement to *Contemporary Urology*. June 2001.
196. **Blaivas JG**, Chaik In D. A 46-year-old obese women with severe incontinence and pelvic pain. *Contemp Urol* 13(6):77-8, 2001
197. **Blaivas JG**, Weiss JP. A 75-year-old man with stress and urge incontinence following radical prostatectomy. *Contemp Urol*. In Press
198. **Blaivas JG.** Editorial: Chronic Sacral Neuromodulation. *J Urol* 66:August 2001.
199. **Blaivas JG.** Editorial: Committees Making Decisions. *Neurourol Urodyn* 20:139,2001.
200. **Blaivas, JG.** Sling Procedure – Organic. *Textbook of Female Urology and Urogynaecology*, ISIS Medical Media, Ltd. 531-542, 2001
201. **Blaivas JG.** Herding cats (editorial) *Neurourol Urodyn* 20:1,2001.
202. **Blaivas JG.** Editorial: Choosing words. *Neurourol Urodyn* 21:99, 2002.
203. **Blaivas JG.** Editorial: Life, Liberty, the Pursuit of Happiness...and Health Care? *Neurourol Urodyn* 20:235-6, 2001.

204. **Blaivas JG.** Editorial: When Life Begins. *Neurourol Urodyn* 20:77-8, 2001.
205. **Blaivas JG.** Editorial: Health Care as a Right (Reply). *Neurourol Urodyn* 20:683-4, 2001.
206. Flisser AJ, **Blaivas JG**, Evaluating incontinence in women. *Urol Clinics of NA*, 2002.
207. **Blaivas JG.** Killing people. *Neurourol Urodyn* 21(5):443, 2002.
208. Flisser AJ, Weiss JP, and **Blaivas JG.** Neurourol and Urodyn. In Fast Facts - *Urology Highlights* 2001 02, ed. Julian Shah. Oxford, UK: Health Press Ltd, 50-55, 2002.
209. **Blaivas JG.** Crossing the line. *Neurourol & Urodyn*. 21(3):185, 2002.
210. Flisser AJ, **Blaivas JG.** Urethral Reconstruction in Women. In *Female Urology, Urogynecology, and Voiding Dysfunction*, Edited by: Vasavada SP, Appell RA, Sand P, and Raz S. New York: Marcel Dekker & Company, 2002.
211. **Blaivas JG.** Overactive bladder revisited. *Neurourol Urodyn*. 21(6):523, 2002.
212. Flisser AJ, **Blaivas JG.** Using Urodynamics to Diagnose Bladder Outlet Obstruction in Women *Contemp Urology*, 14(4), 2002.
213. **Blaivas JG.** Editorial: cause and effect of lower urinary tract symptoms. *J Urol*. 168(4 Pt 1):1464, 2002.
214. Groutz A, **Blaivas JG.** Non-neurogenic female voiding dysfunction. *Current Opinion in Urology*. 12(4):311-6, 2002 Jul.
215. **Blaivas JG.** The Emperor's new clothes. *Neurourol Urodyn*. 22(1):1. 2003.
216. **Blaivas JG.** Lessons learned. *Neurourol Urodyn*. 22(4): 263, 2003.
217. Flisser AJ, Walmsley K, **Blaivas JG.** Urodynamic Classification of Patients with Symptoms of Overactive Bladder. *J Urol* 169(2):529-534,2003.
218. **Blaivas JG.** Filling in the blanks. International Urogynecology Journal. 14(5):295, 2003 Nov.
219. **Blaivas JG.** Babel undone? *Neurourol Urodyn*. 22(6):549, 2003.
220. Weiss JP, **Blaivas JG.** Nocturia. *Current Urology Reports*. 4(5):362-6, 2003 Oct.
221. **Blaivas JG.** Herding cats part 2: the plight of female pelvic medicine and reconstructive surgery fellowships. *Neurourol Urodyn*. 22(7):619, 2003.
222. **Blaivas JG.** Urodynamics. *Neurourol Urodyn*. 22(2): 91, 2003.

223. Flisser AJ, Weiss JP, **Blaivas JG**. In *Principles of Gender Specific Medicine*, Edited by Legato M. San Diego: Academic Press, 2003.

224. Bleustein CB, Flisser AJ, Weiss JP, and **Blaivas JG**. Neurourology and Urodynamics In *Fast Facts - Urology Highlights 2002-03*, Edited by Shah J. Oxford, UK: Health Press Ltd., 55-63, 2003.

225. **Blaivas JG**. Sandhu J. Urethral reconstruction after erosion of slings in women. *Current Opinion in Urology*. 14(6):335-8, 2004 Nov.

226. **Blaivas JG**. Continuing medical edu-mercials. *Neurourol Urodyn*. 23(1):1, 2004.

227. **Blaivas JG**. Tort reform. *Neurourol Urodyn*. 23(2):87, 2004.

228. Flisser AJ, **Blaivas JG**. Cerebrovascular Accident and Brain Tumors. In *Neurogenic Bladders (Adult and Children)*, Edited by Corcos J and Schick M. London: Dunitz, 2004.

229. **Blaivas, JG**. Cybermedics. *Neurourol Urodyn*. 23(3): 183, 2004.

230. **Blaivas, JG**. Pubovaginal Fascial Sling for the Treatment of All Types of Stress Urinary Incontinence: Surgical Technique and Long-Term Outcome. *Atlas of Urologic Clinics of North America; Advances in surgery for incontinence*. 12(2): 165-176, 2004

231. **Blaivas JG**. Ghost unwriting. *Neurourol Urodyn*. 23(4):287, 2004 **Blaivas JG**. Sandhu J. Urethral reconstruction after erosion of slings in women. *Current Opinion in Urology*. 14(6):335-8, 2004 Nov.

232. **Blaivas JG**. Peer review. *Neurourol Urodyn*. 23(7):617, 2004

233. **Blaivas JG**. Crossing the line: part 2. *Neurourol Urodyn*. 24(1):1, 2005.

234. **Blaivas JG** What to do? *Neurourol Urodyn*. 2005;24(3):201.

235. **Blaivas JG**. Societies, journals, and editors. *Neurourol Urodyn*. 2006;25(1):1

236. Karram, MM and **Blaivas, JG**. How to work up and treat voiding dysfunction after surgery for stress incontinence. *OBG Management* 19:22-25. 2007.

237. Rutman, MP and **JG Blaivas**. Review. Urodynamics: what to do and when is it clinically necessary? *Curr Urol Rep*, 2007 Jul;8(4):263-8.

238. Stember DS, Weiss JP, Lee CL, **Blaivas JG**. Review. Nocturia in men. *Int J Clin Pract Suppl*. 2007 Sep;(155):17-22.

239. Weiss JP, Weinberg AC, **Blaivas JG**. Review. New aspects of the classification of nocturia. *Curr Urol Rep*. 2008 Sep;9(5):362-7.

240. **Blaivas JG.** Editorial. Overactive bladder: a new paradigm. *Int Urogynecol J Pelvic Floor Dysfunct.* 2009 Oct 29.

Books

1. NeuroUrology and Urodynamics: Principles and Practice, Edited by Yalla S, McGuire EM, Elbadawi A, **Blaivas JG**, New York, MacMillan Publishing Co.1988.
2. Problems in Urology: Neurourology and Its Role in Urologic Disease: Part I, **Blaivas JG**, Chancellor MB, Guest Editors, Paulson Editor-in-Chief. 6:4,1992.
3. *Practical Neurourology: Genitourinary Complications in Neurourologic Disease*, Edited by **Blaivas JG**, Chancellor MB. Butterworth-Heinemann, Boston, 1995.
4. *Topics in Clinical Urology: Evaluation and Treatment of Urinary Incontinence*, Edited by **Blaivas JG**. Igaku-Shoin. New York,1996.
5. **Blaivas JG**, Chancellor MB (eds.). *Atlas of Urodynamics*, Williams and Wilkins, 1996.
6. **Blaivas JG**. *Conquering Bladder and Prostate Problems: an Authoritative Guide for Men and Women*, Plenum Publishing Corp. New York, 1998.
7. **Blaivas JG**, Lepor H, Nitti VW, Weiss JP. *Case Studies in Benign Prostatic Hyperplasia*, Isis Medical Media Ltd. 2000.
8. Flisser AJ, Weiss JP, **Blaivas JG**. Fast Facts in Neurourology and Urodynamics, In: *Urology Highlights* 2001-02, Shah J, Editor, Health Press, Ltd, Oxford, UK,
9. **Blaivas JG**, Chancellor MB, Verhaaren MR, Weiss JP (eds.). *Atlas of Urodynamics (2nd Ed.)*, Wiley-Blackwell, 2007.
10. **Blaivas JG**, Weiss JP. *Benign Prostatic Hyperplasia and Lower Urinary Tract Symptoms, an Issue of Urologic Clinics (The Clinics: Internal Medicine)*. Saunders/Elsevier Health Sciences, 2009.
11. **Blaivas, JG**, Purohit, RS, Diagnosis and Treatment of Overactive Bladder, Oxford University Press, New York, 2011
12. Weiss, JP, **Blaivas, JG**, van Kerrebroeck, PEV, Wein, AJ, Nocturia: Causes, Consequences and

Clinical Approaches, Springer, New York, 2012

VISITING PROFESSOR AND NAMED LECTURESHIPS

1. Universitas Complutensas (Madrid)
2. Scandinavian Association of Urology, 1984
3. Sociedad Chilena de Urologia, 1985
4. University of Washington
5. University of Texas (Dallas), 1990
6. Tufts University, Kamil B. Labib Memorial Lecture
7. University of Iowa
8. University of Pennsylvania, 2000
9. University of Massachusetts, Harold M. Lieberman Memorial Lecture
10. Loyola University, Roland R.Cross Visiting Professor of Urology, 1992
11. Northeastern Section of the American Urologic Section, George F. Slotkin Lectureship, 2000
12. Beth Israel Medical Center (New York)
13. Case Western Reserve University, 2001
14. University of Alabama
15. Mayo Clinic (Jacksonville)
16. Albany Medical College, 2001
17. University of Toronto, 2003
18. Canadian Urologic Association
19. University of Cincinnati, 2004
20. University of Massachusetts, 2004

21. University of Buffalo, 2004.
22. Hugh Hampton Young lecture, Mid-Atlantic Section, AUA, 2005
23. University of Vermont 2012

Jerry G. Blaivas, MD, FACS
Biographical Sketch

Dr. Blaivas is an internationally renowned urologist with over thirty years of clinical experience. He is, as well, an acclaimed academician, educator, writer and editor with an unimpeachable reputation for honesty and compassion. His clinical expertise ranges from office urology to the most complicated and difficult surgical problems. Known as a “doctor’s doctor,” he is considered the “doctor of last resort” by patients and doctors alike when they experience multiple failed treatments.

Dr. Blaivas is Clinical Professor of Urology at Weill Cornell Medical College, Adjunct Professor at SUNY Downstate and Attending Surgeon at New York Presbyterian Hospital and Lenox Hill Hospital. He is former Professor of Urology and Vice Chairman of the Department of Urology at Columbia University College of Physicians and Surgeons.

In addition to a widely acclaimed expertise in routine urologic conditions such as prostate problems in men, pelvic organ prolapse (dropped bladder) in women and incontinence in both sexes, Dr. Blaivas was one of the originators of urodynamics and pioneered many of the current surgical procedures to correct stress incontinence, urinary fistulas, urethral diverticulum, overactive bladder and neurogenic bladder. He is one of the few surgeons who routinely performs reconstructive surgery for prolapse and incontinence without the use of mesh and has published one of the largest series in the world on treatment of mesh complications. He has a particular interest and expertise in complex urologic problems – complications of radiation and prostate surgery, failed incontinence surgery and failed prolapse surgery.

Dr. Blaivas is former President of the Urodynamics Society and the recipient of numerous awards, including the Lifetime Achievement Award from the Society for Urodynamics and Female Urology, the Victor A. Politano Award from the American Urological Association, the F. Brantley Scott M.D. Award from the American Foundation for Urologic Disease, the J. Marion Sims Award from the American Uro-Gynecologic Society and the Paul Zimskind Award from the Urodynamic Society.

In addition, Dr. Blaivas has consistently been listed in *New York Magazine’s Best Doctors* and Castle Connolly’s *America’s Top Doctors* and *Top Doctors: New York Metro Area* from the publications’ inception in 1992 to the present.

Dr. Blaivas is the Founder of the major scientific journal *Neurourology & Urodynamics* and was Editor-in-Chief from 1982-2006. He is on the editorial board of *Contemporary Urology* and *International Urogynecology Journal* and is a reviewer for a number of other journals, including the *Journal of Urology*, *Urology*, *The New England Journal of Medicine*, and *British Journal of Urology*. He is the primary author of over 400 peer review scientific articles, book chapters and reviews and has edited seven books. He is a member of numerous professional societies, including the American Association of Genitourinary Surgeons, Society of Pelvic Surgeons, American Urological Association, American College of Surgeons, Society for Urodynamics and Female Urology, American Urogynecologic Society, and the International Continence Society.

Dr. Blaivas founded the not-for-profit organization, the Institute for Bladder and Prostate Research, which is dedicated to research relating to the lower urinary tract and female genital tract, including urinary incontinence, prostate conditions, neurogenic bladder, interstitial cystitis and genital prolapse. In addition, he is the author of a book for the lay public on bladder and prostate conditions entitled, *Conquering Bladder and Prostate Problems; an Authoritative Guide for Men and Women*.

Exhibit B

Jerry G. Blaivas, MD, FACS

Urology

445 East 77th Street
New York, NY 10075

Diplomat
American Board of Urology

Phone (212) 772-3900
Fax (212) 772-1919

November 1, 2012

Margaret M. Thompson, MD JD MPAFF
Mueller Law
404 W. 7th Street
Austin, TX 78701

Re: Dr. Blaivas' fee schedule

To whom it may concern:

Per your request, I have set forth Dr. Blaivas' fee schedule below. Please be advised that **fees are required prior to or at the time of service.**

\$750 per hour for review of medical records and preparation of reports.

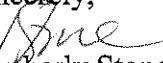
\$7,500 for a half day of deposition testimony, trial testimony and/or consultations with attorney, (including travel time)

\$15,000 for a full day of deposition testimony, trial testimony and/or consultations with attorney, (including travel time)

Given the nature of Dr. Blaivas' practice, he must be notified well in advance of any cancellation. Otherwise the above fee schedule will apply.

Please confirm your agreement to the above terms by signing below.

Sincerely,


Kimberly Stone

Addressee *Sign*

Addressee *Print*

Exhibit C

Document Date	Title	Primary Author	Publication
2013-00-00	Correction: Anterior Colporrhaphy versus Transvaginal Mesh for Pelvic-Organ Prolapse		N ENGL J MED 368;4:394
2012-00-00	GUIDE TO LEARNING IN FEMALE PELVIC MEDICINE AND RECONSTRUCTIVE SURGERY		
	Evaluation and Management of Complications From Synthetic Mesh After Pelvic Reconstructive Surgery: A Multi-Center Study	Abbot, et al	Presentation Number: Paper 29
2014-01-01	Evaluation and management of complications from synthetic mesh after pelvic reconstructive surgery: a multicenter study	Abbott, et al	Am J Obstet Gynecol 2014;210:163.e1-8
2011-01-01	Single-Incision Mini-Slings Versus Standard Midurethral Slings in Surgical Management of Female Stress Urinary Incontinence: A Meta-Analysis of Effectiveness and Complications	Abdel-Fattah, et al	European Urology 60 (2011) 468 - 480
2006-01-01	How common are tape erosions? A comparison of two versions of the transobturator tension-free vaginal tape procedure	Abdel-Fattah, et al	BJU Int, 98(3), 594-598
2008-01-01	Retrospective multicentre study of the new minimally invasive mesh repair devices for pelvic organ prolapse	Abdel-Fattah, et al	BJOG 2008;115:22–30
	A RANDOMISED PROSPECTIVE SINGLE-BLINDED STUDY COMPARING "INSIDE-OUT" VERSUS "OUTSIDE-IN" TRANSOBTURATOR TAPES IN THE MANAGEMENT OF FEMALE STRESS URINARY INCONTINENCE (E-TOT STUDY); 3 YEARS FOLLOW-UP.	Abdel-fattah, et al	Poster 18
2010-01-01	Evaluation of transobturator tapes (E-TOT) study: randomised prospective single-blinded study comparing inside-out vs. outside-in transobturator tapes in management of urodynamic stress incontinence: Short term outcomes	Abdel-fattah, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 149 (2010) 106-111
2010-04-12	Randomised prospective single-blinded study comparing 'inside-out' versus 'outside-in' transobturator tapes in the management of urodynamic stress incontinence: 1-year outcomes from the E-TOT study	Abdel-fattah, et al	BJOG 2010;117:870—878

2010-05-18	Tension-Free Vaginal Tape versus Secure Tension-Free Vaginal Tape in Treatment of Female Stress Urinary Incontinence	Abdelwahab, et al	Current Urology, 4(2), 93-98
2011-01-01	Incidence and management of graft erosion, wound granulation, and dyspareunia following vaginal prolapse repair with graft materials; a systematic review	Abed, et al	Int Urogynecol J (2011) 22:789–798
2011-01-01	Treatment of moderate to severe female stress urinary incontinence with the adjustable continence therapy (ACT) device after failed surgical repair	Aboseif, et al	World J Urol (2011) 29:249–253
2011-00-00	Is Tissue Engineering and Biomaterials the Future for Lower Urinary Tract Dysfunction (LUTD)/Pelvic Organ Prolapse (POP)?	Aboushwareb, et al	Neurourology and Urodynamics 30:775–782 (2011j)
2009-01-01	Tissue mechanics, animal models, and pelvic organ prolapse: A review	Abramowitch, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 144S (2009) S146–S158
2011-01-01	Synthetic Vaginal Tapes for Stress Incontinence: Proposals for Improved Regulation of New Devices in Europe	Abrams, et al	European Urology 60:1207-1211
2006-12-01	ACOG Committee Opinion Number 352: Innovative Practice: Ethical Guidelines	ACOG	ACOG Committee Opinion No. 352
2007-02-01	ACOG PRACTICE BULLETIN NUMBER 79: CLINICAL MANAGEMENT GUIDELINES FOR OBSTETRICIAN-GYNECOLOGISTS	ACOG	The American College of Obstetrics & Gynecology
2007-09-01	ACOG PRACTICE BULLETIN NUMBER 85: CLINICAL MANAGEMENT GUIDELINES FOR OBSTETRICIAN - GYNECOLOGISTS NUMBER 85	ACOG	The American College of Obstetricians and Gynecologists
2005-06-01	ACOG Practice Bulletin Number 63: Clinical Management Guidelines for Obstetrician-Gynecologists	Acog Committee on Practice Bulletins--Gynecology	Obstet Gynecol
2008-10-01	A Randomized Comparison of Two Synthetic Mid-Urethral Tension-Free Slings	Agarwala N	UroToday International Journal / Vol 1 / Iss 4/
2007-01-01	Laparoscopic sacral colpopexy with Gynemesh as graft material-Experience and results	Agarwala, et al	Journal of Minimally Invasive Gynecology (2007) 14, 577–583

2014-01-01	Functional outcomes following surgical management of pain, exposure or extrusion following a suburethral tape insertion for urinary stress incontinence	Agnew, et al	Int Urogynecol J (2014) 25:235–239
2006-00-00	Mesh migration following repair of inguinal hernia: a case report and review of literature	Agrawal, Avill	Hernia (2006) 10: 79–82
2011-01-01	Long term patient satisfaction after suburethral sling operation for stress incontinence	Al-Omary, Atalla	Int Urogynecol J (2011) 22 (Suppl 3):
2007-01-01	Burch Colposuspension versus Fascial Sling to Reduce Urinary Stress Incontinence	Albo, et al	N Engl J Med 2007;356:2143-55
2012-12-01	Treatment Success of Retropubic and Transobturator Mid Urethral Slings at 24 Months	Albo, et al	J Urol Vol. 188, 2281-2287
2009-00-00	Isolation of fibroblasts for coating of meshes for reconstructive surgery: differences between mesh types	Albrich, et al	Regenerative Medicine
2003-01-02	Use of Cadaveric Fascia Lata To Correct Grade IV Cystocele	Almeida, et al	International Braz J Urol Vol. 29 (1): 48-52
2011-01-01	Anterior Colporrhaphy versus Transvaginal Mesh for Pelvic-Organ Prolapse	Altman, et al	N Engl J Med 2011;364:1826-36
2007-02-01	Perioperative Morbidity Using Transvaginal Mesh in Pelvic Organ Prolapse Repair	Altman, et al	Obstet Gynecol 2007;109:303–8
	INTRA- AND PERIOPERATIVE MORBIDITY FOLLOWING PELVIC ORGAN PROLAPSE REPAIR USING A TRANSVAGINAL SUTURE CAPTURING MESH DEVICE COMPARED TO TROCAR GUIDED TRANSVAGINAL MESH AND TRADITIONAL COLPORRAPHY	Altman, et al	Abstract
2007-01-01	Lower urinary tract injuries associated with the out-in transobturator tape - is cystoscopy required? An Argentinean multicenter experience	Altuna, et al	Int Urogynecol J (2007) 18 (Suppl 1):
2009-01-01	Clinical and Quality-of-Life Outcomes after Autologous Fascial Sling and Tension-Free Vaginal Tape: A Prospective Randomized Trial	Amaro, et al	International Braz J Urol Vol. 35 (1):60-67
1997-01-01	Classification of biomaterials and their related complications in abdominal wall hernia surgery	Amid PK	Hernia (1997) 1:15-21

2010-01-01	Complications of polypropylene mesh in prolapse surgery	Ammembal, Radley	OBSTETRICS, GYNAECOLOGY AND REPRODUCTIVE MEDICINE 20:12, 359-364
1998-01-01	Concise review of mechanisms of bacterial adhesion to biomaterial surfaces	An, Friedman	J Biomed Mater Res (Appl Biomater) 43: 338–348
2008-01-01	Foreign Body Reaction to Biomaterials	Anderson, et al	SEMIN. IMMUNOL. 20(2): 86-100
1985-01-01	Utilization of Adipose Tissue Biopsy in Characterizing Human Halogenated Hydrocarbon Exposure	Anderson, HA	Environmental Health Perspectives
2007-01-01	Prospective Clinical Trial Comparing Obtape and DUPS to TVT: One-Year Safety and Efficacy Results	Andonian, et al	European Urology 52 (2007) 245-252
2005-01-13	Randomized Clinical Trial Comparing Suprapubic Arch Sling (SPARC) and Tension-free Vaginal Tape (TVT): One-Year Results	Andonian, et al	European Urology 47 (2005) 537–541
2007-01-01	Complications of Sling Surgery Among Female Medicare Beneficiaries	Anger, et al	Obstet Gynecol 2007;109:707–14
2010-01-01	Tension-Free Vaginal Tape Versus Transobturator Suburethral Tape: Five-Year Follow-up Results of a Prospective, Randomised Trial	Angioli, et al	European Urology 58 (2010) 671-677
2009-01-01	Tension-free vaginal tape versus tension-free vaginal tape obturator (inside-outside) in the surgical treatment of female stress urinary incontinence	Aniuliene R	Medicina (Kaunas) 2009; 45(8)
1986-03-22	Epistemology of Surgery	Anon	The Lancet
2009-01-01	The influence of BMI, smoking, and age on vaginal erosions after synthetic mesh repair of pelvic organ prolapses. A multicenter study	Araco, et al	Acta Obstetricia et Gynecologica. 2009; 88: 772–780
2008-01-24	TVT-O vs TVT: a randomized trial in patients with different degrees of urinary stress incontinence	Araco, F. et al	Int Urogynecol J (2008) 19:917–926
2012-01-01	Complications from the Placement of a Tension-Free Suburethral Sling Using the Transobturator and Retropubic Methods for Treatment of Female Urinary Incontinence	Arrabal-Polo, et al	Urologia Internationalis
2003-01-01	Randomized trial of porcine dermal sling (Pelvicol implant) vs. Tension-free Vaginal Tape (TVT) in the Surgical treatment of stress incontinence: a questionnaire-based study	Arunkalaivanan, Barrington	Int Urogynecol J (2003) 14: 17–23

	SINGLE-INCISION MIDURETHRAL TAPE (OPHIRA) VS TRANSOBTURATOR TAPE (OBTRYX): PROSPECTIVE COMPARATIVE STUDY- 2 YEAR FOLLOWUP	Arunkalaivanan, et al	Abstract 245
2009-01-01	Efficacy and safety of transobturator tape (Obtryx) in women with stress urinary incontinence and intrinsic sphincter deficiency	Arunkalaivanan, et al	Presentation 778
2008-00-00	Haemorrhage and nerve damage as complications of TVT-O procedure: case report and literature review	Atassi, et al	Arch Gynecol Obstet, 277(2), 161-164
2013-01-01	Seven years of objective and subjective outcomes of transobturator (TVT-O) vaginal tape: Why do tapes fail?	Athansiou, et al	Int Urogynecol J
2009-01-01	MIXED URODYNAMIC INCONTINENCE: TVT or TVT-O?	Athansiou, et al	Int Urogynecol J (2009) 20 (Suppl 2):S73-S239
2011-11-01	AUA Position Statement on the Use of Vaginal Mesh For the Repair of Pelvic Organ Prolapse	AUA	American Urological Association
2012-04-01	ADULT URODYNAMICS: AUA/SUFU GUIDELINE	AUA	American Urological Association Education and Research, Inc.
2009-01-01	Guideline for the Surgical Management of Female Stress Urinary Incontinence 2009 Update	AUA	
2011-11-01	AUA Position Statement on the Use of Vaginal Mesh for the Surgical Treatment of Stress Urinary Incontinence	AUA	
2013-01-01	Guidelines for Privileging and Credentialing Physicians for Sacrocolpopexy for Pelvic Organ Prolapse	AUGS	Female Pelvic Medicine & Reconstructive Surgery, 19, 2
2011-07-01	AUGS Response FDA Safety Communications	AUGS	American Urogynecologic Society
	Position Statement on Restriction of Surgical Options for Pelvic Floor Disorders	AUGS	American Urogynecologic Society
2011-09-09	AUGS statement September 8-9, 2011	AUGS	AUGS
2012-01-01	Guidelines for Providing Privileges and Credentials to Physicians for Transvaginal Placement of Surgical Mesh for Pelvic Organ Prolapse	AUGS	Female Pelvic Medicine & Reconstructive Surgery Volume 18, Number 4
2014-01-01	Committee Opinion: Evaluation of Uncomplicated Stress Urinary Incontinence in Women Before Surgical Treatment	AUGS and ACOG	Female Pelvic Medicine & Reconstructive Surgery 20; 5: 248 - 251
	Position Statement on Mesh Midurethral Slings for Stress Urinary Incontinence	AUGS, SUFU	

2014-01-03	Position Statement on Mesh Midurethral Slings for Stress Urinary Incontinence	AUGS-SUFU	
2009-01-01	Do novo stress incontinence and pelvic muscle symptoms after transvaginal mesh repair	Aungst, et al	Am J Obstet Gynecol 2009;201:73.e1-7
2006-01-01	Vaginal erosion, sinus formation, and ischiorectal abscess following transobturator tape: ObTape implantation	Babalola, et al	Int Urogynecol J (2006) 17: 418–421
2004-00-00	Cystocele repair by vaginal approach with a tension-free transversal polypropylene mesh	Bader, et al	Gynécologie Obstétrique & Fertilité 32 (2004) 280--284
2005-10-01	Severe Mesh Complications Following Intravaginal Slingplasty	Baessler, et al	Obstet Gynecol 2005;106:713–6)
2006-01-01	Mesh augmentation during pelvic-floor reconstructive surgery: risks and benefits	Baessler, Maher	Curr Opin Obstet Gynecol 18:560–566
2006-01-01	Principles of Polymer Science, 2nd Edition	Bahadur, Sastry	
2009-01-01	Review of synthetic mesh-related complications in pelvic floor reconstructive surgery	Bako, Dhar	Int Urogynecol J (2009) 20:103-111
	LONG-TERM 6 YEAR PATIENT SATISFACTION AND QUALITY OF LIFE OUTCOMES AFTER AN ADVANTAGE SLINGS FOR STRESS URINARY INCONTINENCE	Balachandran, Duckett	Abstract
2008-08-01	Prospective evaluation of the safety and efficacy of the Apogee system for treatment of vault prolapse	Balakrishnan, et al	Journal of Obstetrics and Gynaecology; 28(6): 618–620
	PROSPECTIVE MULTICENTRE OBSERVATIONAL TRIAL OF COMPOSITE POLYGLACTIN/POLYPROPYLENE MESH (VYPRO* MESH) FOR RECONSTRUCTION OF RECURRENT ANTERIOR VAGINAL WALL PROLAPSE	Balmforth, Cardozo	Poster
2011-01-01	Comparison of transobturator tape (TOT) vs Burch method in treatment of stress urinary incontinence	Bandarian, et al	Journal of Obstetrics and Gynaecology, August 2011;31:518-520
2006-01-01	Abscess formation following trans-obturator tape procedures	Banks, et al	Int Urogynecol J (2006) 17 (Suppl.. 2):
2005-12-01	Contemporary views on female pelvic anatomy	Barber M	Cleveland Clinic Journal of Medicine VOLUME 72 SUPPLEMENT 4

2013-01-01	Surgical Techniques for Removing Problematic Mesh	Barber M	CLINICAL OBSTETRICS AND GYNECOLOGY Volume 56, Number 2, 289–302
2006-01-01	Perioperative complications and adverse events of the MONARC transobturator tape, compared with the tension-free vaginal tape	Barber, et al	American Journal of Obstetrics and Gynecology (2006) 195, 1820–5
2012-01-01	Single-Incision Mini-Sling Compared With Tension-Free Vaginal Tape for the Treatment of Stress Urinary Incontinence: A Randomized Controlled Trial	Barber, et al	Obstet Gynecol 2012;119:328–37)
2008-00-00	Risk factors associated with failure 1 year after retropubic or transobturator midurethral slings	Barber, et al	Am J Obstet Gynecol 199, 666 e1-7
2008-03-00	Transobturator Tape Compared With Tension-Free Vaginal Tape for the Treatment of Stress Urinary Incontinence: A Randomized Controlled Trial	Barber, et al	Obstet Gynecol 2008;111:611--21
2000-01-01	Bilateral uterosacral ligament vaginal vault suspension with site-specific endopelvic fascia defect repair for treatment of pelvic organ prolapse	Barber, et al	Am J Obstet Gynecol 2000;183:1402-11
2009-01-01	Defining Success After Surgery for Pelvic Organ Prolapse	Barber, et al	Obstet Gynecol 2009;114:600–9
1997-01-01	Intraligamentous Nerves as a Potential Source of Pain After Sacrospinous Ligament Fixation of the Vaginal Apex	Barksdale, et al	Int Urogynecol J 8:121-125
2015-02-28	The impact of boundary conditions of surface curvature of polypropylene mesh in response to uniaxial loading	Barone, et al	Journal of Biomechanics
2008-01-01	A multi-centre, randomised clinical control trial comparing the retropubic (RP) approach versus the transobturator approach (TO) for tension-free, suburethral sling treatment of urodynamic stress incontinence: the TORP study	Barry, et al	Int Urogynecol J (2008) 19:171—178
2014-01-01	Management of Mesh Complications after SUI and POP Repair: Review and Analysis of the Current Literature	Barski and Deng	BioMed Research International
2012-07-21	Transvaginal Profilt mesh surgery due to advanced pelvic organ prolapse does not impair female sexual function:a prospective study	Bartuzi, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 165 (2012) 295–298

2013-01-01	Three-year results from a randomised trial of a retropubic mid-urethral sling versus the Miniarc single incision sling for stress urinary incontinence	Basu, Duckett	Int Urogynecol J
2010-01-01	A randomised trial of a retropubic tension-free vaginal tape versus a mini-sling for stress incontinence	Basu, Duckett,	BJOG 2010;117:730—735
2001-00-00	Pain and Functional Impairment 1 Year After Inguinal Herniorrhaphy: A Nationwide Questionnaire Study	Bay-Nielsen, et al	ANNALS OF SURGERY Vol. 233, No. 1, 1-7
	Principles of Biomedical Ethics	Beauchamp, Childress	
2011-08-31	Literature Review of pelvic Organ Prolapse (POP) Repair Transvaginal Mesh	Becker & Associates Consulting, Inc	
2003-01-01	Scope and Impact of Financial Conflicts of Interest in Biomedical Research: A Systematic Review	Bekelman, et al	JAMA. 2003;289:454-465
2011-01-08	The design of an industry-sponsored randomized controlled trial to compare synthetic mesh versus biologic mesh for inguinal hernia repair	Bellows, et al	Hernia (2011) 15:325—332
2015-04-01	Considering ultrasound first for imaging the female pelvis	Benacerraf, et al	American Journal of Obstetrics & Gynecology
2012-07-03	Pelvic organ prolapse transvaginal repair by the Prolift system: Evaluation of efficacy and complications after a 4.5 years follow up	Benbouzid, et al	International Journal of Urology (2012) 19, 1010–1016
1994-00-00	Prostheses and Abdominal Wall Hernias	Bendavid R	R.G. Landes Company
1998-12-01	Complications of Groin Hernia Surgery	Bendavid R	GROIN HERNIA SURGERY VOLUME 78 NUMBER 6
2014-07-01	Mesh-Related SIN Syndrome. A Surreptitious Irreversible Neuralgia and Its Morphologic Background in the Etiology of Post-Herniorrhaphy Pain	Bendavid, et al	International Journal of Clinical Medicine, 2014, 5, 799-810
1992-11-01	ANCHOR FIXATION AND OTHER MODIFICATIONS OF ENDOSCOPIC BLADDER NECK SUSPENSION	Benderev T	Urology, Vol. 40, 5:409-418
2006-01-24	Traitemennt du prolapsus génital avec mise en place d'une prothèse de polypropylène par voie vaginale	Benhaim, et al	J Gynecol Obstet Biol Reprod 2006 ; 35 : 219-226
2005-01-20	Pudendal neuralgia, a severe pain syndrome	Benson, Griffis	American Journal of Obstetrics and Gynecology (2005) 192, 1663–8
1995-01-01	Three surgical procedures for genuine stress incontinence: Five-year follow-up of a prospective randomized study	Bergman, A; Elia, G	Am J Obstet Gynecol

2005-01-01	The Pains of Endometriosis	Berkley, et al	Science 308, 1587
2004-11-01	Conceptual advances in the surgical management of genital prolapse	Berrocal, et al	J Gynecol Obstet Biol Reprod 2004; 33:577-587
	Rising awareness of the complications of synthetic slings	Bhargava,Chapple	
2001-01-01	Trocars injuries in laparoscopic surgery	Bhoyrul, et al	J Am Coll Surg 2001;192:677–683
2011-01-01	RANDOMISED TRIAL OF TVT-O AND TVT-S FOR THE TREATMENT OF STRESS URINARY INCONTINENCE	Bianchi, et al	Int Urogynecol J (2011) 22 (Suppl 1):S1–S195
2000-01-01	Sling techniques in the treatment of genuine stress incontinence	Bidmead, Cardozo	BJOG 2000, 107(2), pp. 147-156
2010-01-01	The DSM Diagnostic Criteria for Dyspareunia	Binak V	Arch Sex Behav (2010) 39:292–303
2007-00-00	Demands and properties of alloplastic implants for the treatment of stress urinary incontinence	Binneboesel, et al	Expert Review of Medical Devices
2011-01-12	Biocompatibility of prosthetic meshes in abdominal surgery	Binnebosel, et al	Semin Immunopathol (2011) 33:235–243
2002-01-01	The role of synthetic and biological prostheses in reconstructive pelvic floor surgery	Birch, Fynes	Curr Opin Obstet Gynecol 14:527-535
2013-04-19	Mesh cancer: long-term mesh infection leading to squamous-cell carcinoma of the abdominal wall	Birolini, et al	Hernia
2004-01-01	Urethral reconstruction after erosion of slings in women	Blaivas and Sandhu	Current Opinion in Urology 2004, 14:335–338
	NOT THE CORRECT CHOICE	Blaivas JG	
2011-01-01	Pubovaginal Fascial Sling for the Treatment of all Types of Stress Urinary Incontinence: Surgical Technique and Long-term Outcome	Blaivas, Chaikin	Urol Clin N Am
2013-10-01	Salvage Surgery after Failed Treatment of Synthetic Mesh Sling Complications	Blaivas, et al	J Urol Vol. 190, 1281-1286
2014-01-01	Management of Urinary Fistulas Due to Midurethral Sling Surgery	Blaivas, et al	J Urol 2014
2015-08-15	Safety considerations for synthetic sling surgery	Blaivas, et al	Nat. Rev. Urol. advance online publication 18 August 2015; doi:10.1038/nrurol.2015.183
2008-01-01	Post-Traumatic Female Urethral Reconstruction	Blaivas, Purohit	Current Urology Reports 2008, 9: 397 – 404
2012-11-01	Management of Urethral Stricture in Women	Blaivas,et al	J Urol 188:1779-1792 (2012)

2009-02-10	Complications from vaginally placed mesh in pelvic reconstructive surgery	Blandon, et al	Int Urogynecol J (2009) 20:523–531
2013-10-01	AUA Position Statement On The Use Of Vaginal Mesh For The Surgical Treatment Of Stress Urinary Incontinence	Board of Directors, AUA (Revised)	AUA website
	Short term complications of the tension free vaginal tape operation for stress urinary incontinence in women	Bodelsson, et al	
2009-01-01	Pelvic nerve injury following gynecologic surgery: a prospective cohort study	Bohrer, et al	Am J Obstet Gynecol 2009;201:531.e1-7
2013-06-01	Adherence to Behavioral Interventions for Stress Incontinence: Rates, Barriers, and Predictors	Borello-France, et al	Physical Therapy 93, 6:757-773
2009-01-01	Arcus-anchored acellular dermal graft compared to anterior colporrhaphy for stage II cystoceles and beyond	Botros, et al	Int Urogynecol J
2006-01-01	Tissue integration and tolerance to meshes used in gynecologic surgery: An experimental study	Boulanger, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 125 (2006) 103-108
2007-01-05	Bacteriological analysis of meshes removed for complications after surgical management of urinary incontinence or pelvic organ prolapse	Boulanger, et al	Int Urogynecol J (2008) 19:827–831
2006-03-28	Complications associated with transobturator sling procedures	Boyles, et al	Int Urogynecol J (2007) Ig: 19—22
2005-00-00	Comparison of polypropylene and polyethylene terephthalate (Dacron) meshes for abdominal wall hernia repair: A chemical and morphological study	Bracco, et al	Hernia (2005) 9: 51--55
2010-01-01	Postoperative Neuropathy in Gynecologic Surgery	Bradshaw, Advincula	Obstet Gynecol Clin N Am 37 (2010) 451–459
2010-01-01	Anterior Vaginal wall Prolapse: Assessment and Treatment	Brincat, et al	CLINICAL OBSTETRICS AND GYNECOLOGY Volume 53, Number 1, 51–58
2010-01-01	Hernia repair: the search for ideal meshes	Bringman, et al	Hernia (2010) 14:81—87
	SYNTHETIC VAGINAL TAPES FOR STRESS INCONTINENCE	British Association of Urological Surgeons	

2011-07-01	Comparison of the outcomes of the sling technique using a commercial and hand-made polypropylene sling	Brito, et al	International Braz J Urol Vol 37 (4): 519-527
2011-01-01	Short-range clinical, dynamic magnetic resonance imaging and P-QoL questionnaire results after mesh repair in femal pelvic organ prolapse	Brocker, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 157 (2011) 107–112
2012-09-07	HIGH NUMBER OF COMPLICATIONS FOLLOWING INSERTION OF THE PINNACLE PELVIC FLOOR REPAIR KIT: A CAUSE FOR CONCERN	Brouard, Jeffery	Presentation Abstract
2013-01-01	Long-term follow-up of porcine dermis pubovaginal slings	Broussard, et al	Int Urogynecol J (2013) 24:583—587
2010-12-15	Braving a faceless new world? Conceptualizing trust in the pharmaceutical industry and its products	Brown, Calnan	Health (London) 2012 16: 57
2000-11-01	CADAVERIC VERSUS AUTOLOGOUS FASCIA LATA FOR THE PUBOVAGINAL SLING: SURGICAL OUTCOME AND PATIENT SATISFACTION	Brown, Govier	J Urol 164:1633-1637
2006-12-01	Transvaginal Reconstructive Mesh: The Evidence Is Lacking...	Brubaker L	The Female Patient VOL. 31
2006-00-00	Editorial: partner dyspareunia (hispareunia)	Brubaker L	Int Urogynecol J (2006) 17: 311
2011-01-01	Adverse events over two years after retropubic or transobturator midurethral sling surgery: findings from the Trial of Midurethral Slings (TOMUS) study	Brubaker, et al	Am J Obstet Gynecol 2011;205:498.e1-6.
2012-04-01	5-Year Continence Rates, Satisfaction and Adverse Events of Burch Urethropexy and Fascial Sling Surgery for Urinary Incontinence	Brubaker, et al	J Urol Vol. 187, 1324-1330
2010-02-01	Surgery for Pelvic Organ Prolapse	Brubaker, et al	Female Pelvic Medicine & Reconstructive Surgery 16, 1
2015-03-24	Missing data frequency and correlates in two randomized surgical trials for urinary incontinence in women	Brubaker, et al	Int Umgynecol J (2015) 26:1155--1159
2012-01-01	A perfect storm	Brubaker, Shull	Int Urogynecol J (2012) 23:3–4
1999-01-01	PARAVAGINAL DEFECT REPAIR IN THE TREATMENT OF FEMALE STRESS URINARY INCONTINENCE AND CYSTOCELE	Bruce, et al	Urology 54:647-651

	The Comparison of Inflammatory Responses and Clinical Results After Groin Hernia Repair Using Polypropylene or Polyester Meshes	Bulbuler, et al	Indian J Surg
1968-01-01	Cooper's ligament urethrovesical suspension for stress incontinence	Burch, JC	Am J Obstet Gynecol
2007-01-01	OUTSIDE-IN VS. INSIDE-OUT TRANSOBTURATOR APPROACH IN WOMEN WITH STRESS AND MIXED URINARY INCONTINENCE: A PROSPECTIVE, RANDOMIZED, HEAD-TO-HEAD COMPARISON STUDY	But, et al	Int Urogynecol J (2007) 18 (Suppl 1):S1-S24
2008-01-11	Complications and short-term results of two different transobturator techniques for surgical treatment of women with urinary incontinence: a randomized study	But, Faganelj	Int Urogynecol J (2008) 19:857–861
2009-01-01	Pelvic floor hypertonic disorders: Identification and management	Butrick C	Obstet Gynecol Clin N Am 36 (2009) 707–722
2010-00-00	Association of body mass index with hip and thigh pain following transobturator midurethral sling placement	Cadish	Am J Obstet Gynecol 2010;203:508.e1-5.
2014-01-01	PROSPECTIVE EVALUATION OF THE ASSOCIATION BETWEEN BODY MASS INDEX AND PAIN FOLLOWING TRANSOBTURATOR MIDURETHRAL SLING	Cadish, et al	Int Urogynecol S144 J (2014) 25 (Suppl 1):S1-S240
1986-01-01	Polypropylene suture -- Is it safe?	Calhoun, Kitten	J VASC SURG 1986; 4:98-100
2011-01-01	The treatment of female stress urinary incontinence: an evidenced-based review	Cameron, Haraway	Open Access Journal of Urology 2011:3 109- 120
2011-01-01	TOT: Tension-Free or Tension-Low?	Campschroer, Van Balken	Int Urogynecol J(2011) 22 (Suppl 3);S1769-S2008
2008-01-01	Safety of Trans Vaginal Mesh procedure: Retrospective study of 684 patients	Caquant, et al	J. Obstet. Gynaecol. Res. Vol 34, No. 4: 449–456, August 2008
2006-00-00	Editorial comment: The use of synthetic mesh in female pelvic reconstructive surgery	Cardozo L	BJU International 98, Supplement 1, 77
2009-01-01	Vaginal repair with mesh versus colporrhaphy for prolapse: a randomised controlled trial	Carey, et al	BJOG 2009;116:1380–1386
2011-08-25	Public Citizen petition to the FDA	Carome, et al	
2007-04-04	Clitoral Blood Flow Changes After Surgery for Stress Urinary Incontinence: Pilot Study on TTV Versus TOT Procedures	Caruso, et al	UROLOGY 70: 554 --557

2011-09-02	Anterior Sacrospinous Ligament Fixation Associated with Paravaginal Repair using the Pinnacle Device: An Anatomical Study	Cayrac, et al	Int Urogynecol J (2012) 23:335–340
1999-03-02	Guidance for the Preparation of Premarket Notification Application for a Surgical Mesh	Center for Devices and Radiological Health	Center for Devices and Radiological Health
2011-00-00	Collagen-coated polypropylene mesh in vaginal prolapse surgery: an observational study	Cervigni, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 156 (2011) 223–227
2001-01-01	The use of synthetics in the treatment of pelvic organ prolapse	Cervigni, Natale	Curr Opin Urol 11:429-435
2013-11-19	Gynecological disorders in bladder pain syndrome/interstitial cystitis patients	Cervigni, Natale	International Journal of Urology (2014) 21 (Suppl 1), 85–88
2009-05-01	Complications in Women Undergoing Burch Colposuspension Versus Autologous Rectus Fascial Sling for Stress Urinary Incontinence	Chai, et al	J Urol Vol. 181, 2192-2197
1998-01-01	PUBOVAGINAL FASCIAL SLING FOR ALL TYPES OF STRESS URINARY INCONTINENCE: LONG- TERM ANALYSIS	Chaikin, et al	J Urol 160, 1312-1316
2009-00-00	Lower Urinary Tract Symptoms Revisited	Chapple C	European Urology 56 (2009) 21-23
2013-01-01	Mesh Sling in an Era of Uncertainty: Lessons Learned and the Way Forward	Chapple, et al	EUROPEAN UROLOGY XXX (2013) XXX—XXX
2007-01-01	Anatomic relationships of the tension-free vaginal mesh trocars	Chen, et al	Am J Obstet Gynecol 2007;197:666.e1-666.e6
2007-00-00	Biologic Grafts and Synthetic Meshes in Pelvic Reconstructive Surgery	Chen, et al	CLINICAL OBSTETRICS AND GYNECOLOGY Volume 50, Number 2, 383—411
2008-01-01	Analysis of risk factors associated with vaginal erosion after synthetic sling procedures for stress urinary incontinence	Chen, et al	Int Urogynecol J (2008) 19:117—121
	Process development of an acellular dermal matrix (ADM) for biomedical applications	Chen, et al	
2010-01-01	Comparison of three kinds of mid-urethral slings for surgical treatment of female stress urinary incontinence	Chen, et al	Urologia 2010; 77 (1): 37-42
2013-01-01	Economics of pelvic organ prolapse surgery	Cheon, Maher	Int Urogynecol J (2013) 24:1873–1876

2013-01-01	Inside-out versus outside-in transobturator tension-free vaginal tape: A 5-year prospective comparative study	Cheung, et al	International Journal of Urology
2014-01-01	INDICATION AND SURGICAL TREATMENT OF MIDURETHRAL SLING COMPLICATIONS: A MULTICENTER STUDY	Chinktakanan, et al	Int Urogynecol S142 J (2014) 25 (Suppl 1):S1-S240
2014-01-01	MESH REMOVAL FOLLOWING SLING-MESH PLACEMENT: A MULTICENTER STUDY	Chinthakanan, et al	Int Urogynecol J (2014) 25 (Suppl 1):S1-S240
2011-01-01	Reanalysis of a randomized trial of 3 techniques of anterior colporrhaphy using clinically relevant definitions of success	Chmielewski, et al	Am J Obstet Gynecol 2011;205:69.e1-8
2011-12-09	Anatomic and Functional Outcomes with the Prolift Procedure in Elderly Women with Advanced Pelvic Organ Prolapse Who Desire Uterine Preservation	Cho, et al	Journal of Minimally Invasive Gynecology, Vol 19, No 3
2001-07-01	GENETIC MATERIAL IS PRESENT IN CADAVERIC DERMIS AND CADAVERIC FASCIA LATA	Choe, Bell	J Urol 166, 122-124
2012-01-01	Use of Mesh During Ventral Hernia Repair in Clean-Contaminated and Contaminated Cases	Choi, et al	Ann Surg 2012;255:176-180
2010-01-01	Dyspareunia associated with paraurethral banding in the transobturator sling	Cholhan, et al	Am J Obstet Gynecol 2010;202:481.e1-5.
2012-01-01	TRANSLABIAL ULTRASOUND FOR LOCALIZATION OF VAGINAL MESH	Chow, Raz	Presentation Number: Poster 127
2009-01-01	The management of stress urinary incontinence using transobturator tapes in a tertiary hospital in South Africa	Chrysostomou A	International Journal of Gynecology & Obstetrics 107S2
1985-03-05	Characterization of morphologic and mechanical properties of surgical mesh fabrics	Chu, Welch	Journal of Biomedical Materials Research, Vol. 19, 903-916
2012-08-01	Recognition and Management of Nerve Entrapment Pain After Uterosacral Ligament Suspension	Chung, et al	Obstet Gynecol 2012;120:292-5)s
2002-01-01	Trust in Medicine	Clark C	Journal of Medicine and Philosophy 27, 1:11-29
2003-01-01	Epidemiologic evaluation of reoperation for surgically treated pelvic organ prolapse and urinary incontinence	Clark, et al	Am J Obstet Gynecol 2003;189:1261-7
2002-10-18	Structural alterations of prosthetic meshes in humans	Coda, et al	Hernia (2003) 7: 29-34

2010-00-00	Oestrogen therapy for urinary incontinence in postmenopausal women (Review)	Cody, et al	The Cochrane Library
2014-12-04	Abstract Book	COGI	
2003-11-00	ENCAPSULATION OF A PORCINE DERMIS PUBOVAGINAL SLING	Cole, et al	J Urol 170, 1950
2011-12-01	Committee Opinion Number 513: Vaginal Placement of Synthetic Mesh for Pelvic Organ Prolapse	Committee on Gynecologic Practice	OBSTETRICS & GYNECOLOGY Vol. 118, No. 6
2015-07-21	Long-term efficacy of the trans-obturator and retropubic mid-urethral slings	Constantini, et al	World J Urol
2004-01-01	Polypropylene in the intra-abdominal position: Influence of pore size and surface area	Conze, et al	Hernia (2004) 8: 365–372
	Randomized clinical trial comparing lightweight composite mesh with polyester or polypropylene mesh for incisional hernia repair	Conze, et al	
2008-06-01	A Historical Perspective on Cystocele Repair-From Honey to Pessaries to Anterior Colporrhaphy: Lessons from the past	Cooke, Gousse	J Urol Vol. 179, 2126-2130
2012-06-26	TVT SECUR Single-Incision Sling After 5 Years of Follow-Up: The Promises Made and the Promises Broken	Cornu, et al	European Urology 62 (2012) 735 - 738
2008-03-18	Tension-free Vaginal Tapes and Pelvic Nerve Neuropathy	Corona, et al	Journal of Minimally Invasive Gynecology (2008) 15, 262–267
2009-09-02	Anatomy of Pelvic Floor Dysfunction	Corton M	Obstet Gynecol Clin N Am 36 (2009) 401–419
2013-01-01	Critical Anatomic Concepts for Safe Surgical Mesh	Corton, Marlene	CLINICAL OBSTETRICS AND GYNECOLOGY Volume 56, Number 2, 247–256
2014-10-23	Mini-slings can cause complications	Coskun, et al	International Urogynecology Journal
	PROLIFT (MESH (GYNECARE) FOR PELVIC ORGAN PROLAPSE SURGICAL TREATMENT USING THE TVM GROUP TECHNIQUE: A RETROSPECTIVE STUDY OF 687 PATIENTS	Cosson, et al	Poster

	TRANS-VAGINAL MESH TECHNIQUE FOR TREATMENT OF PELVIC ORGAN PROLAPSE: 5 YEARS OF PROSPECTIVE FOLLOW UP	Cosson, et al	Poster
2003-07-25	Mechanical properties of synthetic implants used in the repair of prolapse and urinary incontinence in women which is the ideal material?	Cosson, et al	Int Urogynecol J (2003) 14: 169–178
2010-04-13	Comparisons of safety and efficacy of the Obtryx® Sling and AdvantageTM MidUrethral Sling for the treatment of stress urinary incontinence: Propensity matching results in a large international registry	Costa, et al	Boston Scientific Marketing
2004-00-00	Surgical Treatment of Female Stress Urinary Incontinence with a Trans-Obturator-Tape (T.O.T.) Uratape: Short Term Results of a Prospective Multicentric Study	Costa, et al	European Urology 46 (2004) 102–107
2005-04-25	Uterus Preservation in Surgical Correction of Urogenital Prolapse	Costantini, et al	European Urology 48 (2005) 642–649
2013-01-01	Surgical management of female SUI: is there a gold standard?	Cox, et al	Nat. Rev. Urol.
2007-01-01	The effect of suture material on outcomes of surgery for pelvic organ prolapse	Cox, et al	Pelviperineology
2012-00-00	Evaluation of Current Biologic Meshes in Pelvic Organ Prolapse Repair	Cox, Herschorn	Curr Urol Rep (2012) 13:247–255
	Sympton Resolution After Operative management of Complications From Vaginal Mesh	Crosby, et al	Presentation Number: Paper 30
2014-01-01	Symptom Resolution After Operative Management of Complications From Transvaginal Mesh	Crosby, et al	Obstet Gynecol 2014;123:134–9
2012-01-01	Nonsurgical Management of Pelvic Organ Prolapse	Culligan PJ	Obstet Gynecol
2003-01-01	Bacterial colony counts during vaginal surgery	Culligan, et al	Infect Dis Obstet Gynecol 2003;11:161–165
2010-01-01	Evaluation of a transvaginal mesh delivery system for the correction of pelvic organ prolapse: subjective and objective findings at least 1 year after surgery	Culligan, et al	Am J Obstet Gynecol 2010;203:506.e1–6.
2005-01-01	A randomized trial that compared povidone iodine and chlorhexidine as antiseptics for vaginal hysterectomy	Culligan, et al	Am J Obstet Gynecol

2013-01-01	Cost-effectiveness analysis comparing robotic sacrocolpopexy to a vaginal mesh hysteropexy for treatment of uterovaginal prolapse	Culligan, et al	Open Journal of Obstetrics and Gynecology, 2013, 3, 613-620
2012-01-01	Incidence and risk factors for reoperation of surgically treated pelvic organ prolapse	Dallenbach, et al	Int Urogynecol J (2012) 23:35–41
2015-08-20	Vaginal Mesh Products: Each an Entity unto Itself	Daly JO	BJOG
2008-01-01	Complications of Mid Urethral Slings: Important Outcomes for Future Clinical Trials	Daneshgari, et al	J Urol Vol. 180, 1890-1897
2014-05-18	Postoperative pain outcomes after transvaginal mesh revision	Danford, et al	J Urol Vol. 191, No. 4S, Supplement, Sunday, May 18, 2014
2014-01-01	Postoperative pain outcomes after transvaginal mesh revision	Danford, et al	Int Urogynecol J
2009-01-01	A comparison between synthetic and biosynthetic meshes in the surgical treatment of severe genital prolapse:results and complications	Dati, et al	UROGYNAECOLOGIA INTERNATIONAL JOURNAL 2009; 23; 3: 21-29
2007-01-01	Obtryx system - transobturator out-in sling in the treatment of isolated or pop-associated urinary incontinence	Dati, et al	Int Urogynecol J (2007) 18 (Suppl 1):
2003-12-05	Sacro-spinous ligament fixation peri-operative complications in 195 cases:visual approach versus digital approach of the sacro-spinous ligament	David-Montefiore, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 116 (2004) 71–78
2006-05-12	Introduction to the 2005 IUGA Grafts Roundtable	Davila GW	International Urogynecology Journal 2006
2006-00-00	Multicenter experience with the Monarc transobturator sling system to treat stress urinary incontinence	Davila, et al	Int Urogynecol J (2006) 17: 460--465
2006-10-01	Innovations in the Treatment of Vaginal Prolapse	Davila, et al	Supplement to OBG Management
2006-05-06	Clinical implications of the biology of grafts: conclusions of the 2005 IUGA Grafts Roundtable	Davila, et al	Int Urogynecol J (2006) 17: S51–S55
2002-01-01	Pelvic Floor Dysfunction Management Practice Patterns: A Survey of Members of the International Urogynecological Association	Davila, et al	Int Urogynecol J (2002) 13:319–325
2010-00-00	Innovations in mesh kit technology for vaginal wall prolapse	Davilla, et al	Supplement to OBG Management
2006-00-00	Biofilms: Recent Developments on an Old Battle	de Carvalho C	Recent Patents on Biotechnology 2007, 1, 49-57

2011-07-25	Surgical intervention after transvaginal Prolift mesh repair: retrospective single-center study including 524 patients with 3 years' median follow-up	De Landsheere, et al	Am J Obstet Gynecol 2012;206:83.e1-7
2011-01-01	The original versus a modified inside-out transobturator procedure: 1-year results of a prospective randomized trial	de Laval, et al	Int Urogynecol J (2011) 22:145—156
2003-10-02	Novel Surgical Technique for the Treatment of Female Stress Urinary Incontinence: Transobturator Vaginal Tape Inside-Out	de Leval	European Urology 44 (2003) 734-730
2006-05-13	Prolapse repair by vaginal route using a new protected low-weight polypropylene mesh: 1-year functional and anatomical outcome in a prospective multicentre study	de Tayrac, et al	Int Urogynecol J (2007) 18: 251–256
2009-11-19	Bilateral anterior sacrospinous ligament suspension associated with a paravaginal repair with mesh : short-term clinical results of a pilot study	de Tayrac, et al	Int Urogynecol J (2010) 21:293298
2007-01-01	Collagen-coated vs noncoated low-weight polypropylene meshes in a sheep model for vaginal surgery. A pilot study.	de Tayrac, et al	Int Urogynecol J Pelvic Floor Dysfunct, 18(5), 513-520
2008-00-00	In Vitro Degradation and In Vivo Biocompatibility of Poly(lactic acid) Mesh for Soft Tissue Reinforcement in Vaginal Surgery	de Tayrac, et al	J Biomed Mater Res Part B: Appl Biomater 85B: 529--536, 2008
2008-00-00	Anatomical and functional assessment of prolapse repair by vaginal route using a collagen coating polypropylene mesh. A french prospective multicentre study, 3-year results.	de Tayrac, et al	IUGA 2008
2006-01-01	Long-term anatomical and functional assessment of trans-vaginal cystocele repair using a tension-free polypropylene mesh	de Tayrac, et al	Int Urogynecol J (2006) 17: 483-488
2007-07-17	Infracoccygeal sacropexy or sacrospinous suspension for uterine or vaginal vault prolapse	de Tayrac, et al	International Journal of Gynecology and Obstetrics (2008) 100, 154–159
2012-01-01	Analysis of the learning curve of bilateral anterior sacrospinous ligament suspension associated with anterior mesh repair	de Tayrac, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 165 (2012) 361–365

	Impact of Vaginal Surgery with a Low-Weight Coated Polypropylene Mesh on Sexuality and Quality of Life in Women with Genital Prolapse	de Tayrac, et al	Abstract
2006-00-00	Anatomical and Functional Assessment of Prolapse Repair by Vaginal Route Using a Collagen Coating Polypropylene Mesh: A French Prospective Multicentre Study	de Tayrac, et al	International Urogynecol Journal 2006; 17(Suppl. 2):S65-S66
2011-00-00	ANALYSIS OF LEARNING CURVE OF BILATERAL ANTERIOR SACROSPINOUS LIGAMENT SUSPENSION	de Tayrac, et al	Int Urogynecol J (2011) 22 (Suppl I):S1-S195
2011-01-01	Basic science and clinical aspects of mesh infection in pelvic floor reconstructive surgery	de Tayrac, Letouzey	Int Urogynecol J (2011) 22:775–780
1999-02-13	Tolerance of synthetic tissues in touch with vaginal scars: review to the point of 287 cases	Debodinance, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 87 (1999) 23-30
1998-12-01	The Historical Development of Prosthetics in Hernia Surgery	DeBord J	GROIN HERNIA SURGERY VOLUME 78 NUMBER 6
2011-00-00	Physicomechanical Evaluation of Polypropylene, Polyester, and Polytetrafluoroethylene Meshes for Inguinal Hernia Repair	Deeken, et al	J Am Coll Surg 2011;212:68–79
2006-01-04	Vaginal mesh erosion after transvaginal repair of cystocele using Gynemesh or Gynemesh-Soft in 138 women: a comparative study	Deffieux, et al	Int Urogynecol J (2007) 18: 73–79
2012-01-01	Long-term follow-up of persistent vaginal polypropylene mesh exposure for transvaginally placed mesh procedures	Deffieux, et al	Int Urogynecol J (2012) 23:1387–1390
2010-06-16	Transobturator TTVT-0 versus retropubic TTVT: results of a multicenter randomized controlled trial at 24 months follow-up	Deffieux, et al	Int Urogynecol J (2010) 21:1337–1345
2009-01-01	Female Sexual Function Following Trans-Obturator Suburethral Tape from inside to outside (TTV-T-O) and Tension-Free Vaginal Tape (TTV): A Randomized Controlled Trial	Deffieux, et al	Journal of Minimally Invasive Gynecology 16 (2009) S1eS51
2010-01-01	Definitions, classifications and terminology of chronic pelvic and perineal bread	Delavierre, et al	Advances in Urology 20, 853 - 864

2005-00-00	PelviSoft BioMesh augmentation of rectocele repair: the initial clinical experience in 35 patients	Dell, O'Kelley	Int Urogynecol J (2005) 16: 44--47
	Re: de Leval J. Novel surgical technique for the treatment of female stress urinary incontinence: transobturator vaginal tape inside-out. Eur Urol 2003;44:72~0	Delmas	Letters to the Editor/European Urology 46 (2004) 133 --137
2005-02-24	Anatomical Risks of Transobturator Suburethral Tape in The Treatment of Female Strees Urinary Incontinence	Delmas V	European Urology 48 (2005) 793-798
1999-01-01	A Retrospective Review of Perioperative Complications in 360 Patients who had Burch Colposuspension	Demirci, et al	Aust NZ J Obstet Gynaecol 1999; 39: 4: 472-475
2007-01-01	Perioperative complications in abdominal sacrocolpopexy and vaginal sacrospinous ligament fixation procedures	Demirci, et al	Int Urogynecol J (2007) 18: 257-261
2006-01-01	The Effect of Polypropylene Mesh on Ilioinguinal Nerve in Open Mesh Repair of Groin Hernia	Demirer, et al	Journal of Surgical Research 131, 175-181
2011-00-00	Urinary Incontinence in Women	Deng D	Med Clin N Am 95 (2011) 101--1 09
2007-01-01	Presentation and Management of Major Complications of Midurethral Slings: Are Complications Under-reported?	Deng, et al	Neurourology and Urodynamics 26:46-52 (2007)
	PELVIC ORGAN PROLAPSE TREATMENT BY THE VAGINAL ROUTE USING A VYPRO COMPOSITE MESH: PRELIMINARY RESULTS ABOUT 106 CASES	Denis, et al	Poster
2008-01-01	Reoperation 10 years after surgically managed pelvic organ prolapse and urinary incotinence	Denman, et al	Am J Obstet Gynecol 2008;198:555.e1-555.e5
2006-01-01	The biology behind fascial defects and the use of implants in pelvic organ prolapse repair	Deprest, et al	Int Urogynecol J (2006) 17: S16 S25
2010-00-00	Clinicopathological Study of Patients Requiring Reintervention After Sacrocolpopexy With Xenogenic Acellular Collagen Grafts	Deprest, et al	J of Urol 2010; 183:2249-2255
	The stress response to trauma and surgery	Desborough J	
2007-00-00	Adductor brevis myositis following transobturator tape procedure: a case report and review of the literature	DeSouza, et al	Int Urogynecol J (2007) 18:817--820
2006-00-00	Objective and Subjective Cure Rates after Trans-Obturator Tape (OBTAPE) Treatment of Female Urinary Incontinence	Deval, et al	EUROPEAN UROLOGY 49 (2006) 373--377

	A French Multicenter Clinical Trial of SPARC for Stress Urinary Incontinence	Deval, et al	European Urology 44 (2003) 254-259
2012-01-01	Comment on Stanford et al.: Traditional native tissue vs mesh-augmented pelvic organ prolapse repairs: providing an accurate interpretation of current literature	Dietz, et al	Int Urogynecol J (2012) 23:1317
2007-03-24	The effectiveness of the sacrospinous hysteropexy for the primary treatment of uterovaginal prolapse	Dietz, et al	Int Urogynecol J (2007) 18:1271–1276
2010-08-27	Mesh Contraction: myth or reality	Dietz, et al	Am J Obstet Gynecol 2011;204:173.e1-4
2003-01-01	Mechanical properties of urogynecologic implant materials	Dietz, et al	Int Urogynecol J (2003) 14: 239–243
2003-01-01	Does the tension-free vaginal tape stay where you put it?	Dietz, et al	Am J Obstet Gynecol
2007-01-25	Risk factors for the recurrence of pelvic organ prolapse after vaginal surgery: a review at 5 years after surgery	Diez-Itza, et al	Int Urogynecol J (2007) 18:1317–1324
2009-02-01	Complication and Reoperation Rates After Apical Vaginal Prolapse Surgical Repair	Diwadkar, et al	J of Urol 2010; 183:2249-2255
2010-05-01	Update of AUA Guideline on the Surgical Management of Female Stress Urinary Incontinence	Dmochowski, et al	J Urol Vol. 183, 1906-1914
2002-04-00	Biofilms: Survival Mechanisms of Clinically Relevant Microorganisms	Donlan, Costerton	CLINICAL MICROBIOLOGY REVIEWS, Vol. 15, No. 2, p. 167--193
	TIME DEPENDENT VARIATIONS IN BIOMECHANICAL PROPERTIES OF CADAVERIC FASCIA, PORCINE DERMIS, PORCINE SMALL INTESTINE SUBMUCOSA, POLYPROPYLENE MESH AND AUTOLOGOUS FASCIA IN THE RABBIT MODEL: IMPLICATIONS FOR SLING	Dora, et al	
2012-11-25	Clinical presentation and diagnosis of urinary incontinence	DuBeau C	www.uptodate.com
2012-07-03	Pain after suburethral sling insertion for urinary stress incontinence	Duckett, Baranowski	Int Urogynecol J (2013) 24:195—201
2014-05-01	Changed Women: The Long-Term Impact of vaginal Mesh Complications	Dunn, et al	Female Pelvic Med Reconstr Surg 2014;20: 131-136
2011-01-01	The 75% rule: all stress incontinence procedures are alike	Dwyer P	International Urogynecology Journal

2010-11-01	TVT compared with TTV-O and TOT: results from the Norwegian National Incontinence Registry	Dyrkorn, et al	International Urogynecology Journal
2012-04-01	Quantifying vaginal tissue elasticity under normal and prolapse conditions by tactile imaging	Egorov, et al	Int Urogynecol J. 2012 April ; 23(4): 459–466
2010-01-01	Effects of Anterior Trocar Guided Transvaginal Mesh Surgery on Lower Urinary Tract Symptoms	Ek, et al	Neurourology and Urodynamics 29:1419–1423
2010-01-01	Urodynamic Assessment of Anterior Vaginal Wall Surgery: A Randomized Comparison Between Colporraphy and Transvaginal Mesh	Ek, et al	Neurourology and Urodynamics 29:527–531
2013-06-01	Early and Complete Excision of Vaginally Placed Synthetic Mesh	El-Nashar, et al	Female Pelvic Medicine & Reconstructive Surgery • Volume 19, Number 3
2012-10-01	IS EARLY EXCISION THE RIGHT ANSWER FOR EARLY ONSET PAIN RELATED TO VAGINAL MESH PLACEMENT? A CASE REPORT AND A SYSTEMATIC REVIEW OF THE LITERATURE	El-Nashar, et al	Female Pelvic Medicine & Reconstructive Surgery • Volume 18, Number 8, Supplement 1
2012-05-31	Anterior colporrhaphy versus repair with mesh for anterior vaginal wall prolapse: a comparative clinical study	El-Nazer, et al	Arch Gynecol Obstet (2012) 286:965–972
2012-07-01	Con: mesh in vaginal surgery: do the risks outweigh the benefits?	Elliott D	Curr Opin Urol 2012, 22:276–281
2011-08-19	Letter for Public Citizen's petition to FDA	Elliott D	Mayo Clinic
2009-01-01	Histological Inflammatory Response to Transvaginal Polypropylene Mesh for Pelvic Reconstructive Surgery	Elmer, et al	J Urol Vol. 181, 1189-1195
2012-01-01	Risk factors for mesh complications after Trocar Guided Transvaginal Mesh kit repair of anterior vaginal wall prolapse	Elmer, et al	Neurourology and Urodynamics 31:1165–1169
2008-01-01	Female sexual function after surgery for stress urinary incontinence: transobturator suburethral tape vs. tension-free vaginal tape obturator	Elzevier, et al	J Sex Med 2008;5:400–406
2013-01-01	NATIVE TISSUE SUTURE REPAIR VS MESH AUGMENTED VAGINAL REPAIR FOR PRIMARY AND RECURRENT PELVIC ORGAN PROLAPSE: LONG TERM OUTCOMES AND COMPLICATIONS	Evans, et al	Int Urogynecol J (2013) 24 (Supp 1):SI-SI52

1992-00-00	Evidence-Based Medicine: A New Approach to Teaching the Practice of Medicine	Evidence-Based Medicine Working Group	JAMA, November 4, 1992 Vol 268, No. 17--
2007-02-27	Mesh-related infections after pelvic organ prolapse repair surgery	Falagas, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 134 (2007) 147–156
1996-00-00	Clinical Outcome and Changes in Connective Tissue Metabolism After Intravaginal Slingplasty in Stress Incontinent Women	Falconer, et al	Int Urogynecol J (1996) 7:133--137
	SEXUAL OUTCOME AFTER TRANSVAGINAL REPAIR OF PELVIC ORGAN PROLAPSE (POP) WITH AND WITHOUT MESH: A PROSPECTIVE STUDY OF 323 PATIENTS	Fatton, et al	
2006-11-28	Transvaginal repair of genital prolapse: preliminary results of a new tension-free vaginal mesh (Prolift tm technique)- a case series multicentric study	Fatton, et al	Int Urogynecol J (2007) 18:743–752
2010-09-14	Prospective study of anterior transobturator mesh kit(Prolift) for the management of recurrent anterior vaginal wall prolapse	Fayyad, et al	Int Urogynecol J (2011) 22:157–163
2008-10-20	FDA Public Health Notification: Serious Complications Associated with Transvaginal Placement of Surgical Mesh in Repair of Pelvic Organ Prolapse and Stress Urinary Incontinence	FDA	FDA
2011-07-13	FDA Safety Communication: UPDATE on serious complications associated with Transvaginal Placement of Surgical Mesh for Pelvic Organ Prolapse	FDA	FDA
	FDA Modernization Act of 1997: Guidance fore the device industry on implementation of highest priority provisions	FDA	FDA
2011-07-13	FDA: Surgical placement of mesh to repair pelvic organ prolapse poses risks	FDA	FDA
2012-05-01	Unsafe and Ineffective Devices Approved in the EU that were not apporved in the US	FDA	FDA
2013-02-08	Is The Product A Medical Device?	FDA	FDA
2006-01-01	Information Sheet Guidance For IRBs, Clinical Investigators, And Sponsors-Significant Risk and Nonsignificant Risk Medical Device Studies	FDA	FDA

2008-01-01	Efficacy and safety of transvaginal mesh kits in the treatment of prolapse of the vaginal apex: a systematic review	Feiner B., et al	TVM First Export
2011-10-06	A prospective comparison of two commercial mesh kits in the management of anterior vaginal prolapse	Feiner, et al	Int Urogynecol J (2012) 23:279–283
2010-02-01	Vaginal Mesh Contraction: Definition, Clinical Presentation, and Management	Feiner, Maher	Obstet Gynecol 2010;115:325–30
1996-00-00	Microdialysis of Adipose Tissue during Surgery: Effect of Local a- and B-Adrenoceptor Blockade on Blood Flow and Lipolysis	Fellander, Goran	Journal of Clinical Endocrinology and Metabolism
2000-00-00	New Surgical Mesh	Fenner D	Clinical Obstetrics and Gynecology
2000-09-01	A critique of new gynecologic surgical procedures: new surgical mesh	Fenner D	Clinical Obstetrics and Gynecology; Vol 43(3), pp. 650-658
2011-07-14	Impact of Vaginal Synthetic Prolapse Meshes on the Mechanics of The Host Tissue Response	Feola A	University of Pittsburgh Dissertation
2010-01-09	Pure transvaginal removal of eroded mesh and retained foreign body in the bladder	Firoozi, et al	Int Urogynecol J (2010) 21:757–760
2012-05-01	Purely Transvaginal/Perineal Management of Complications From Commercial Prolapse Kits Using a New Prostheses/Grafts Complication Classification System	Firoozi, et al	The Journal of Urology
2013-01-01	Transvaginal Mesh Complications	Firoozi, Goldman	Complications of Female Incontinence and Pelvic Reconstructive Surgery
2010-11-09	Nerve injury locations during retropubic sling procedures	Fisher, Lotze	Int Urogynecol J (2011) 22:439--441
2010-01-01	Unrecognized bladder perforation with mid-urethral slings	Foley, et al	BJUI 106, 1514 - 1518
2008-07-08	Adjuvant materials in anterior vaginal wall prolapse surgery: a systematic review of effectiveness and complications	Foon, et al	Int Urogynecol J (2008) 19:1697–1706
	WHICH IS THE BEST MINIMALLY INVASIVE PROCEDURE? TVT VERSUS LAPAROSCOPIC COLPOSUSPENSION	Foote AJ	Abstract
	REFERRAL PATTERNS AND COMPLICATIONS OF MIDURETHRAL SLINGS	Foote J., et al	

2015-07-06	Retropubic or transobturator mid-urethral slings for intrinsic sphincter deficiency-related stress urinary incontinence in women: a systematic review and meta-analysis	Ford, Ogah	Int Urogynecol J DOI 10.1007/s00192-015-2797-3
2009-00-00	Bulking agents for urinary incontinence: patient selection, counseling and technique	Fox, Lightner	Expert Review of Obstetrics & Gynecology 4.6 (Nov. 2009): p687.
2014-01-01	Contasure-Needleless single incision sling compared with transobturator TVT-O for the treatment of stress urinary incontinence: long-term results	Franco, Tardiu	Int Urogynecol J
2009-03-01	TVT-O VS TVT-S: FIRST RANDOMIZED, PROSPECTIVE, COMPARATIVE STUDY OF INTRAOPERATIVE COMPLICATIONS, PERIOPERATIVE MORBIDITY AND ONE YEAR POSTOPERATIVE RESULTS	Friedman M	Journal of Pelvic Medicine & Surgery • Volume 15, Number 2
2011-01-01	A PROSPECTIVE RANDOMISED CONTROLLED TRIAL COMPARING VAGINAL PROLAPSE REPAIR WITH AND WITHOUT TENSIONFREE VAGINAL TAPE TRANSOBTURATOR TAPE (TVTO) IN WOMEN WITH SEVERE GENITAL PROLAPSE AND OCCULT STRESS INCONTINENCE: LONG TERM FOLLOW UP	FUENTES AE	Int Urogynecol J (2011) 22 (Suppl 1):S1–S195
2012-01-01	Trends in the Surgical Management of Stress Urinary Incontinence	Funk, et al	Obstet Gynecol, 119(4),845-851
	Trends in Mesh Use Between Vaginal Prolapse Repair and Sacrocolpopexy, 2005-2010	Funk, et al	
2013-02-12	Long-term outcomes of vaginal mesh versus native tissue repair for anterior vaginal wall prolapse	Funk, et al	Int Urogynecol J (2013) 24:1279–1285
2013-01-01	Trends in use of surgical mesh for pelvic organ prolapse	Funk, et al	Am J Obstet Gynecol 2013;208:79.e1-7
1987-01-01	The Complications of Colposuspension	Galloway, et al	British Journal Of Urology (1987), 60, 122-124
2010-01-01	Non-Oral Poster 39; A Comparison of Anatomical Outcomes of Hysteropexy With Acellular cadaveric Dermal Graft Versus Polypropylene Mesh Augmentation	Gamble, et al	Female Pelvic Medicine & Reconstructive Surgery

	A Comparison Of Anatomical Outcomes Of Hysteropexy With Acellular Cadaveric Dermal Graft Versus Polypropylene Mesh Augmentation	Gamble, et al	Female Pelvic Medicine & Reconstructive Surgery
2008-01-01	Predicting persistent detrusor overactivity after sling procedures	Gamble, et al	Int Urogynecol J (2008) 19 (Suppl 1)
2004-04-00	OBTURATOR INFECTED HEMATOMA AND URETHRAL EROSION FOLLOWING TRANSOBTURATOR TAPE IMPLANTATION	Game, et al	J Urol 171, 1629
2005-00-00	Histopathologic changes of porcine dermis xenografts for transvaginal suburethral slings	Gandhi, et al	American Journal of Obstetrics and Gynecology (2005) 192, 1643--8
	TVT versus SPARC: comparison of outcomes for two midurethral tape procedures	Gandhi, et al	
2007-01-01	Differences in polypropylene shrinkage depending on mesh position in an experimental study	Garcia-Urena, et al	The American Journal of Surgery 193 (2007) 538–542
2014-01-01	Diagnosis and Surgical Treatment of Stress Urinary Incontinence	Garely and Noor	OBSTETRICS & GYNECOLOGY
2007-01-12	Follow-up after polypropylene mesh repair of anterior Follow-up after polypropylene mesh repair of anterior with recurrent prolapse	Gauruder-Burmester, et al	Int Urogynecol J (2007) 18:1059—1064
2010-00-00	Orthopaedic Surgeons and the Medical Device Industry The Threat to Scientific Integrity and the Public Trust	Gelberman, et al	J Bone Joint Surg Am. 2010;92:765-77
2008-00-00	Closing the Chapter on Obtape: A Case Report of Delayed Thigh Abscess and a Literature Review	Geoffrion, et al	J Obstet Gynaecol Can 2008;30(2):143--147
2015-02-17	Female Pelvic medicine and reconstructive surgery practice patterns	Ghoniem, Hammett	Int Urogynecol J
	Transobturator Tape for Treatment of Female Stress urinary Incontinence: Objective and Subjective Results After a Mean Follow-up of Two Years	Gilberti, et al	
2004-12-22	Randomised controlled trial of conservative management of postnatal urinary and faecal incontinence: six year follow up	Glazener, et al	BMJ, doi:10.1136/bmj.38320.613461.82
2007-01-01	Sacrospinous Ligament Suspension: Improved Outcomes Using the Capio Suture Capturing Device	Goldberg R	
2009-01-01	"Minimal Mesh" Anterior-Apical Prolapse Repair: A New Alternative for Uterine Preservation	Goldberg, et al	Int Urogynecol J (2009) 20 (Suppl 3):S241-S491

2001-01-01	Anterior or Posterior Sacrospinous Vaginal Vault Suspension: Long-Term Anatomic and Functional Evaluation	Goldberg, et al	Am J Obstet Gynecol
	Complications of Female Incontinence and Pelvic Reconstructive Surgery	Goldman H, editor	Humana Press
2012-00-00	Post-implantation Alterations of Polypropylene in the Human	Goldman, Petros	J Urol. doi: 10.1016/j.juro.2012.11.155
2001-01-01	Establishing Causation with Epidemiology	Goldsmith, et al	Science on the Witness Stand: Evaluating Scientific Evidence in Law, Adjudication and Policy
	Selecting the right mesh	Goldstein HS	
2012-01-01	Vaginal Prolapse repair Suture repair versus mesh augmentation a urology perspective	Gomelsky A	Urol Clin N Am 39 (2012) 335–342
2007-10-01	Bicompatibility Assessment of Synthetic Sling Materials for Female Stress Urinary Incontinence	Gomelsky, Dmochowski	J Urol Vol.178, 1171-1181
2007-00-00	Incidence and management of vaginal extrusion of acellular porcine dermis after incontinence and prolapse surgery	Gomelsky, et al	Int Urogynecol J (2007) 18:1337--1341
2010-11-26	Pelvic organ prolapse surgery: the evidence for the repairs	Gomelsky, et al	BJU International 107 , 1704 – 1719
2013-01-01	Are recurrence rates for "Traditional" Transvaginal Prolapse Repairs that High? What Does the Evidence Show	Gomelsky, Vince	Curr Urol Rep
2005-01-01	Relationship Between Tissue Ingrowth and Mesh Contraction	Gonzalez, et al	World J. Surg. 29, 1038–1043
2003-01-01	Comparision of Tissue Integration between Polyester and Polypropylene Prostheses in the Preperitoneal Space	Gonzalez, Ramshaw	The American Surgeon, Vol. 69: 471-477
2009-01-01	Epidemiology (Fourth Edition)	Gordis L	WB Saunders
2005-01-01	Complications of transvaginal silicone-coated polyester synthetic mesh sling	Govier, et al	Urology 66, 741-5
2011-00-00	Pharmaceutical Industry Gifts to Physicians: Patient Beliefs and Trust in Physicians and the Health Care System	Grande, et al	J Gen Intern Med 27(3):274-9

2009-01-01	Advances in Suture Material for Obstetric and Gynecologic Surgery	Greenberg, et al	Rev Obstet Gynecol. 2009;2(3):146-158
2012-01-01	Outcome and efficacy of a transobturator polypropylene mesh kit in the treatment of anterior pelvic organ prolapse	Grgic, et al	International Journal of Gynecology and Obstetrics 116 (2012) 72–75
1987-09-25	Biomaterial-Centered Infection: Microbial Adhesion Versus Tissue Integration	Gristina A	Science, New Series, Vol. 237, No. 4822 (Sep. 25, 1987), pp. 1588-1595
2007-06-05	Transobturator slings for stress incontinence using urodynamic parameters to predict outcomes	Guerette, et al	Int Urogynecol J (2008) 19:97–102
2013-10-01	Three-Year Outcomes of Vaginal Mesh for Prolapse: A Randomized Controlled Trial	Gutman, et al	Obstet Gynecol 2013;122:770–7
2013-11-12	Managing chronic pelvic pain following reconstructive pelvic surgery with transvaginal mesh	Gyang, et al	Int Urogynecol J (2014) 25:313–318
2012-00-00	Diagnosing Neuropathic Pain; Clinical Examination, Neurophysiology, and Neuroimaging	Haanpaa, Rowbotham	Refresher Courses, 14th World Congress on Pain
2011-01-01	Conservative prevention and management of pelvic organ prolapse in women(review)	Hagen, Stark	The Cochrane Library 2011, Issue 12
	Law, medicine, and trust	Hall M	55 Stan. L. Rev. 463
2013-10-02	Short-term surgical outcomes and characteristics of patients with mesh complications from pelvic organ prolapse and stress urinary incontinence surgery	Hammett, et al	Int Urogynecol J (2014) 25:465–470
2010-00-00	Mesh erosion into the urinary bladder following laparoscopic inguinal hernia repair; is this the tip of the iceberg?	Hamouda, et al	Hernia (2010) 14:317--319
2006-01-01	TENSION-FREE VAGINAL TAPE (TVT) & TVT-OBTURATOR (TVT-O) IN THE SURGICAL MANAGEMENT OF FEMALE STRESS URINARY INCONTINENCE	Han, et al	Int Urogynecol J (2006) 17 (Suppl. 2):S171–S359
2004-01-01	Sexual function among women with urinary incontinence and pelvic organ prolapse	Handa, et al	Am J Obstet Gynecol
2007-01-01	Results of Cystocele Repair: A Comparison of Traditional Anterior Colporrhaphy, Polypropylene Mesh and Porcine Dermis	Handel, et al	J Urol Vol. 178, 153-156
2012-10-01	Transvaginal mesh controversy: Careful patient selection is key	Hanno PM	Urology Times

2014-01-01	Long-Term Follow-up of Treatment for Synthetic Mesh Complications	Hansen, et al	Female Pelvic Med Reconstr Surg 2014;20: 126-130
2007-02-01	Care Seeking and Treatment for Urinary Incontinence in a Diverse Population	Harris, et al	J Urol Vol. 177, 680-684
	Presentation Number: Poster 35 Sexual Function After Surgical Removal of Transvaginal Mesh	Hartshorm, et al	Presentation Number: Poster 35
1997-00-00	Needle and trocar injury during laparoscopic surgery in Japan	Hashizume, et al	Surg Endosc (1997) 11: 1198--1201
2002-00-00	INTACT GENETIC MATERIAL IS PRESENT IN COMMERCIALLY PROCESSED CADAVER ALLOGRAFTS USED FOR PUBOVAGINAL SLINGS	Hathaway, Choe	J Urol 168, 1040-1043
2011-01-01	An International Urogynecological Association/International Continence Society Joint Terminology and Classification of the Complications Related Directly to the Insertion of Prostheses (Meshes, Implants, Tapes) and Grafts in Female Pelvic Floor Surgery	Haylen, et al	Neurology and Urodynamics 30:2-12s
2009-00-00	Persistent groin pain following a trans-obturator sling procedure for stress urinary incontinence: a diagnostic and therapeutic challenge	Hazewinkel, et al	Int Urogynecol J (2009) 20:363—365
2010-08-30	Trocar-guided polypropylene mesh for pelvic organ prolapse surgery-perioperative morbidity and short-term outcome of the first 100 patients	Heinonen, et al	Gynecol Surg
1998-11-01	Mesh Inguinodynia: A New Clinical Syndrome after Inguinal Herniorrhaphy?	Heise, Starling	J Am Coll Surg 1998;187:514–518
2003-01-01	Predicting Treatment Choice for Patients with Pelvic Organ Prolapse	Heit, et al	Obstet Gynecol 2003;101:1279–84
2012-01-01	Long-term anisotropic mechanical response of surgical meshes used to repair abdominal wall defects	Hernandez-Gascon, et al	Journal of the Mechanical Behavior of Biomedical Materials. 2012;5(1):257–71
2014-05-25	Pudendal Neuralgia	Hibner, et al	Glob. libr. women's med
2009-11-04	Pudendal Neuralgia	Hibner, et al	Journal of Minimally Invasive Gynecology (2010) 17, 148–153
2007-08-01	Low-Weight Polypropylene Mesh For Anterior Vaginal Wall Prolapse	Hiltunen, et al	Obstet Gynecol 2007;110:455–62

2011-04-01	A Randomized, Controlled Trial Comparing an Innovative Single Incision Sling With an Established Transobturator Sling to Treat Female Stress Urinary Incontinence	Hinoul, et al	J Urol Vol. 185, 1356-1362
2007-03-24	Anatomical variability in the trajectory of the inside-out transobturator vaginal tape technique (TVT-O)	Hinoul, et al	Int Urogynecol J (2007) 18:1201–1206
2009-01-01	Surgical management of urinary stress incontinence in women: A historical and clinical overview	Hinoul, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 145 (2009) 219-225
2011-01-01	An anatomic comparison of the original versus a modified inside-out transobturator procedure	Hinoul, et al	Int Urogynecol J
2009-01-01	TVT OBTURATOR SYSTEM VERSUS TVT SECUR: A RANDOMIZED CONTROLLED TRIAL, SHORT TERM RESULTS	Hinoul, et al	Int Urogynecol J (2009) 20 (Suppl 2):S73–S239
	Ancient Medicine	Hippocrates	
2011-01-01	Prospective Follow-Up of Female Sexual Function after Vaginal Surgery for Pelvic Organ Prolapse Using Transobturator Mesh Implants	Hoda, et al	J Sex Med 2011;8:914–922
2014-01-01	The introduction of mid-urethral slings: an evaluation of literature	Hogewoning, et al	Int Urogynecol J DOI 10.1007/s00192-014-2488-5
2011-01-01	Single surgeon experience with 125 trans-obturator sling procedures	Hogston, Edwards	Int Urogynecol J (2011) 22 (Suppl 3)
	Medium term follow-up of women who underwent transobturator suburethral tape insertion for the treatment of urinary stress incontinence	Hogston, Wright	E-Poster
2012-01-01	TVT-Secur (Hammock) Versus TVT-Obturator: A Randomized Trial of Suburethral Sling Operative Procedures	Hota, et al	Female Pelvic Med Reconstr Surg 2012;18: 41Y45
2014-04-07	Outcome of Trans-Vaginal Mesh and Tape Removed for Pain only	Hou, et al	The Journal of Urology
2010-01-01	Outcome and complications of retropubic and transobturator midurethral slings translated into surgical therapeutic indices	Houwert, et al	Am J Obstet Gynecol 2010;202:75.e1-7.
2009-01-01	Risk factors for failure of retropubic and transobturator midurethral slings	Houwert, et al	Am J Obstet Gynecol 2009;201:202.e1-8.

2009-07-14	TVT-O versus Monarc after a 2-4-year follow-up: a prospective comparative study	Houwert, et al	Int Urogynecol J (2009) 20:1327–1333
2007-01-01	TRANSOBTURATOR TAPE (TOT), INSIDE-OUT VERSUS OUTSIDE-IN APPROACHES: OUTCOME AFTER 1 YEAR	Houwert, et al	Int Urogynecol J (2007) 18 (Suppl 1):S25–S105
2010-09-07	Outcome of transvaginal pelvic reconstructive surgery with Prolift after a median of 2 years' follow-up	Huang, et al	Int Urogynecol J (2011) 22:197–203
2015-12-02	TVT ABBREVO: cadaveric study of tape position in foramen obturatum and adductor region	Hubka, et al	Int Urogynecol J
2006-01-01	The use of graft materials in vaginal pelvic floor surgery	Huebner, et al	International Journal of Gynecology and Obstetrics (2006) 92, 279–288
2008-01-01	Histologic response of porcine collagen-coated and uncoated polypropylene grafts in a rabbit vagina model	Huffaker, et al	Am J Obstet Gynecol 2008;195:582.e1-552,s7.
2011-03-01	Treatment strategies for pelvic organ prolapse: a cost-effectiveness analysis	Hullfish, et al	Int Urogynecol J (2011) 22:507–515
2002-07-01	Patient-centered goals for pelvic floor dysfunction surgery: What is Success and is it achieved?	Hullfish, et al	Am J Obstet Gynecol 2002;187:88-92
2009-01-01	Management of complication arising from transvaginal mesh kit procedures: a tertiary referral center's experience	Hurtado, Appell	Int Urogynecol J (2009) 20:11–17
2014-00-00	Explanted surgical meshes: what pathologists and industry failed to do for 50 years	Iakovlev V	Virchows Arch (2014) 465 (Suppl I):S1–S379
2014-00-00	Pathology of Explanted Transvaginal Meshes	Iakovlev, et al	International Journal of Medical, Health, Pharmaceutical and Biomedical Engineering Vol:8 No:9, 2014
2014-01-01	Pathological Findings of Transvaginal Polypropylene Slings Explanted for Late Complications: Mesh is not Inert	Iakovlev, et al	International Continence Society Meeting Annual Meeting
2014-01-01	In vivo degradation of surgical polypropylene meshes: A finding overlooked for decades	Iakovlev, et al	Virchows Arch (2014) 465 (Suppl 1):S1–S379
2014-12-01	PATHOLOGICAL FINDINGS ASSOCIATED WITH PAIN IN TRANSVAGINAL MESHES	Iakovlev, et al	COGI Paris 2014 - Abstract Submission
2015-01-01	Systematic Pathological Assessment of Explanted Hernia Meshes Reveals Important Information of Mesh-body Interactions	Iakovlev, et al	Hernia (2015) (Suppl 2):S3-S194

1999-01-01	Surgical Implants and Other Foreign Bodies	IARC Working Group on the Evaluation of Carcinogenic Risks to Humans	
2013-07-01	ICS Fact Sheets - A background to Urinary and Faecal Incontinence	ICS	
	The Use of Mesh in Gynecologic Surgery	Iglesia, et al	
2010-08-01	Vaginal Mesh For Prolapse: A Randomized Controlled Trial	Iglesia, et al	Obstet Gynecol 2010;116:293–303
2007-00-00	Mesh infection without erosion after ObTape sling insertion: a diagnostic challenge	Ismail S	Int Urogynecol J (2007) 18:1115–1118
2012-00-00	Neuropathic Pain in Post-Burn Hypertrophic Scars: A Psychophysical and Nuerophysiological Study	Isoardo, et al	Muscle Nerve 45: 883–890, 2012
2007-09-01	Vaginal mesh for incontinence and/or prolapse:caution required	Isom-Batz, Zimmern	Expert Review of Medical Devices. 4.5 (Sept. 2007): p 675
2013-01-01	Position Statement on MUS; Position Statement on Mid-Urethral Slings for Stress Urinary Incontinence	IUGA	IUGA website
2011-01-01	Stress Urinary Incontinence A Guide for Women	IUGA	
2013-00-00	A decision-analytic Markov model to compare the cost—utility of anterior repair augmented with synthetic mesh compared with non-mesh repair in women with surgically treated prolapse	Jacklin, Duckett	BJOG 2013;120:217-223.
2009-01-01	Complications of vaginal mesh: our experience	Jacquetin, Cosson	Int Urogynecol J (2009) 20:893–896
	PROSPECTIVE CLINICAL ASSESSMENT OF THE TRANS VAGINAL MESH (TVM) TECHNIQUE FOR TREATMENT OF PELVIC ORGAN PROLAPSE —ONE YEAR RESULTS OF 175 PATIENTS	Jacquetin, et al	Poster
2010-01-01	Total transvaginal mesh (TVM) technique for treatment of pelvic organ prolapse: a 3-year prospective follow-up study	Jacquetin, et al	
2004-08-25	A meta-analysis of the Intra-Operative Safety and Effectiveness of the Transobturator Hammock Seen in Results of Two Prospective Studies in 9 Countries with 204 Patients	Jacquetin, et al	ICS/IUGA Annual Meeting
2015-04-04	Intravesical midurethral sling mesh erosion secondary to transvaginal mesh reconstructive surgery	Jaili, et al	Gynecology and Minimally Invasive Therapy

2011-00-00	Effectiveness of midurethral slings in mixed urinary incontinence: a systematic review and meta-analysis	Jain, et al	Int Urogynecol J (2011) 22:923-932
2007-01-01	SINGLE-BLIND RANDOMIZED CLINICAL TRIAL COMPARING EFFICACY AND SAFETY OF TVT (TENSION FREE VAGINAL TAPE) VS TVT-O (TENSION FREE VAGINAL TAPE OBTURATOR SYSTEM) IN TREATMENT OF STRESS URINARY INCONTINENCE-POLTO PRELIMINARY	Jakimiuk, et al	Int Urogynecol J (2007) 18 (Suppl 1):S107–S244
2008-01-01	Biologic and Synthetic Graft Use in Pelvic Surgery: A Review	Jakus, et al	Volume 63, Number 4 OBSTETRICAL AND GYNECOLOGICAL SURVEY
2015-08-20	The impact of prolapse mesh on vaginal smooth muscle structure and function	Jallah, et al.	BJOG
2009-01-01	RANDOMISED TRIAL OF TVT-O AND TVT-S FOR THE TREATMENT OF STRESS URINARY INCONTINENCE PRELIMINARY STUDY	Jarmy-Di Bella, et al	Int Urogynecol J (2009) 20 (Suppl 2):S73–S239
2014-01-01	High risk of complications with a single incision pelvic floor repair kit results of a retrospective case series	Jeffery, Brouard	Int Urogynecol J (2014) 25:109–116
	Stress urinary incontinence in women: Choosing a type of midurethral sling	Jelovsek, et al	
	Randomised trial of laparoscopic Burch colposuspension versus tension-free vaginal tape: long-term follow up	Jelovsek, et al	
2007-01-01	Pelvic organ prolapse	Jelovsek, et al	Lancet Vol 369
	The clinical picture of neuropathic pain	Jensen, et al	
2014-00-00	Evaluation of three purely polypropylene meshes of different pore sizes in an onlay position in a New Zealand white rabbit model	Jerabek, et al	Hernia (2014) 18:855–864
2010-06-15	Systematic review of the efficacy and safety of using mesh in surgery for uterine or vaginal vault prolapse	Jia, et al	Int Urogynecol J (2010) 21:1413–1431
2008-06-10	Efficacy and safety of using mesh or grafts in surgery for anterior and/or posterior vaginal wall prolapse:systematic review and meta-analysis	Jia, et al	BJOG 2008;115:1350–1361
2014-11-20	A Multicenter, Prospective Trial to Evaluate Mesh-Augmented Sacrospinous Hysteropexy for Uterovaginal Prolapse	Jirschele, et al	International Urogynecology Journal 10.1007/s00192-014-2564-x

2014-08-01	Prospective Trial to Evaluate Mesh Augmented Sacrospinous Hysteropexy for Uterovaginal Prolapse	Jirschele, et al	Female Pelvic Medicine & Reconstructive Surgery, Vol. 20(4): Supplement S285-286
2014-01-01	A multicenter, prospective trial to evaluate mesh-augmented sacrospinous hysteropexy for uterovaginal prolapse	Jirshele, et al	Int Urogynecol J DOI 10.1007/s00192-014-2564-x
2011-00-00	Planned ilioinguinal nerve excision for prevention of chronic pain after inguinal hernia repair: A meta-analysis	Johner, et al	Surgery 2011;150:534-4
2009-07-01	Tensile properties of commonly used prolapse meshes	Jones, et al	Int Urogynecol J Pelvic Floor Dysfunct
2010-00-00	Letter to the editor: Risk of Tape-Related Complications After TTVT Is At Least 4%	Jones, et al	Neurourology and Urodynamics 29:40--41 (2010)
1986-01-01	Degradation of polypropylene in the human eye: A semi-study	Jongebloed, Worst	Documenta Ophthalmologica 64:143-152
	Transobturatoric tape procedure for female stress urinary incontinence	Joutsniemi, et al	
2007-01-16	Efficacy Analysis of Trans-obturator Tension-free Vaginal Tape (TVT-O) Plus Modified Ingelman-Sundberg Procedure versus TVT-O Alone in the Treatment of Mixed Urinary Incontinence: A Randomized Study	Juang, et al	European Urology 51 (2007) 1671-1679
2009-01-01	Long Term Experience in 72 Patients with the Advantage Sling System	Julia, Cholhan	Boston Scientific Marketing
1996-01-01	The efficacy of Marlex mesh in the repair of severe, recurrent vaginal prolapse of the anterior midvaginal wall	Julian T	Am J Obstet Gynecol 1996; 175:1472-5
2002-00-00	Influence of Mesh Materials on Collagen Deposition in a Rat Model	Junge, et al	J Invest Surg 2002; 15: 319-328
2006-01-01	Risk factors related to recurrence in inguinal hernia repair:a retrospective analysis	Junge, et al	Hernia (2006) 10: 309–315
2012-00-00	Mesh biocompatibility: effects of cellular inflammation and tissue remodelling	Junge, Karsten	Langenbecks Arch Surg (2012) 397:255--270
2009-01-01	Complications associated with transobturator sling procedures: analysis of 233 consecutive cases with a 27 months follow-up	Kaelin-Gambirasio, et al	BMC Womens Health, 9, 28. doi: 10.1186/1472-6874-9-28

2002-01-01	Vaginal Erosion of Cadaveric Fascia Lata following Abdominal Sacrocolpopexy and Suburethral Sling Urethropexy	Kammerer-Doak, et al	Int Urogynecol J (2002) 13:106–109
1998-01-01	Osteitis pubis after Marshall-Marchetti-Krantz urethropexy: A pubic osteomyelitis	Kammerer-Doak, et al	Am J Obstet Gynecol
	Systematic review of the relationship between bladder and bowel function: implications for patient management	Kaplan, et al	Int J Clin Pract. 2013 Mar;67(3):205-16
2010-01-01	Reoperation rate for traditional anterior vaginal repair: analysis of 207 cases with a median 4-year follow up	Kapoor, et al	Int Urogynecol J (2010) 21:27–31
2011-01-01	Is modified Raz technique of midurethral sling a reliable and cost-effective method of treating stress urinary incontinence	Kapoor, et al	Indian J Urol. 2011 Jan-Mar; 27(1): 34–38
2009-00-00	Micro-scale surface-patterning influences biofilm formation	Kappell, et al	Electronic Journal of Biotechnology 12, 3
2007-01-01	STRESS URINARY INCONTINENCE: TTV OB SYSTEM VERSUS DULOXETINE-HCl. AND THE WINNER IS?	Karagkounis et al	Int Urogynecol J (2007) 18 (Suppl 1):S1–S24
2009-01-01	Comparison of TTV and TTV-O in patients with stress urinary incontinence: Short-term cure rates and factors influencing the outcome. A prospective randomised study	Karateke, et al	Australian and New Zealand Journal of Obstetrics and Gynaecology 2009; 49: 99–105
2005-01-01	Synthetic Biomaterials for Pelvic Floor Reconstruction	Karlovsky, et al	Current Urology Reports
2011-00-00	Biologic grafts for cystocele repair: does concomitant midline fascial plication improve surgical outcomes?	Karp, et al	Int Urogynecol J (2011) 22:985–990
	Which sling for which patient?	Karram M	
2015-01-01	Managing Mesh and Other Complications After Surgeries for Urinary Incontinence and Pelvic Organ Prolapse; Chapter 30	Karram, Gebhart	Urogynecology and Reconstructive Pelvic Surgery
2007-01-01	AN EVALUATION OF THE GYNECARE TTV SECUR* SYSTEM (TENSION-FREE SUPPORT FOR INCONTINENCE) FOR THE TREATMENT OF STRESS URINARY	Karram, et al	Int Urogynecol J (2007) 18 (Suppl 1):S1–S24
2015-01-01	Biologic Bladder Neck Sling for Stress Urinary Incontinence; Chapter 19	Karram, Mickey M	Urogynecology and Reconstructive Pelvic Surgery; ClinicalKey

2012-11-01	When and how to place an autologous rectus fascia pubovaginal sling	Karram, Zoorob	OBG Management Vol. 24 No. 11
2014-10-31	Fatal Injury of the Small Intestine during Retropubic Sling Placement - A Case Report	Kascak, Kopcan	Obstet Gynecol Cases Rev 1:004
2010-09-30	Age and sexual activity are risk factors for mesh exposure following transvaginal mesh repair	Kaufman, et al	Int Urogynecol J (2011) 22:307–313
	A Seat on the Aisle, Please!: The Essential Guide to Urinary Tract Problems in Women	Kavaler E	Copernicus Books/Springer.
2009-00-00	Foreign body reaction in vaginally eroded and noneroded polypropylene suburethral slings in the female: a case series	Kavvadias, et al	Int Urogynecol J (2009) 20:1473--1476
2006-00-00	Persistent postsurgical pain: risk factors and prevention	Kehlet, et al	Lancet 2006; 367:1618-25
2012-00-00	Miniarc single-incision sling for treatment of stress urinary incontinence: 2-year clinical outcomes	Kennelly, et al	Int Urogynecol J
2013-01-01	OUTCOMES AND COMPLICATIONS OF BURCH, FASCIAL, AND MIDURETHRAL SLINGS	Kenton, et al	ICS 2013, Barcelona
2015-01-01	5-Year Longitudinal Followup after Retropubic and Tranobturator Mid Urethral Slings	Kenton, et al	The Journal of Urology
2012-09-08	Oral Presentations-Changes In Tissue Composition of The Vaginal Wall of Premenopausal Women, The Effect, Not the Cause of Pop	Kerkhof, et al	Int Urogynecol J (2012) 23 (Suppl 2):S43–S244
1993-06-02	Introducing MEDWatch: A new approach to reporting medication and device adverse effects and product problems	Kessler D	JAMA Vol 269, No. 21
2012-01-01	Re: Post-Implantation Alterations of Polypropylene in the Human	Keys, Goldman	J Urol
2001-00-00	Mechanisms of inflammatory pain	Kidd, Urban	British Journal of Anaesthesia 87 (1): 3-11
2006-00-00	Acellular dermal matrix in the management of high-risk abdominal wall defects	Kim, et al	The American Journal of Surgery 192 (2006) 705--709
2009-04-28	COMPARISON OF THE EFFICACY OF TVT AND TVT-O ON THE OVERACTIVE BLADDER SYMPTOMS IN WOMEN WITH STRESS URINARY INCONTINENCE	Kim, et al	J Urol Vol. 181, No. 4, Supplement 560

2010-01-01	RANDOMIZED CONTROL STUDY OF MONARC® VS. TENSION-FREE VAGINAL TAPE OBTURATOR (TVT-O®) IN THE TREATMENT OF FEMALE URINARY INCONTINENCE IN : COMPARISON OF MEDIUMTERM CURE RATE	Kim, Jang	Int Urogynecol J (2010) 21 (Suppl 1):S1—S428
2013-01-17	Vaginal Prolapse Repair-Native Tissue Repair versus Mesh Augmentation: New Isn't Always Better	Kim-Fine, et al	Curr Bladder Dysfunct Rep (2013) 8:25–31
2005-00-00	Long-term efficacy of Burch colposuspension: a 14-year follow-up study	Kjolhede P	Acta Obstet Gynecol Scand 2005; 84: 767-772
2005-05-01	Myeloperoxidase: friend and foe	Klebanoff S	Journal of Leukocyte Biology Volume 77
2002-00-00	Impact of Polymer Pore Size on the Interface Scar Formation in a Rat Model	Klinge, et al	Journal of Surgical Research 103, 208 -- 214 (2002)
2012-00-00	Modified classification of surgical meshes for hernia repair based on the analyses of 1,000 explanted meshes	Klinge, Klosterhalfen	Hernia (2012) 16:251--258
	Transobturator approach to suburethral sling placement in the treatment of stress urinary incontinence in women	Klutke, et al	
	Stress urinary incontinence: the evolution of the sling	Klutke, Williams	
2003-00-00	Management of Vaginal Erosion of Polypropylene Mesh Slings	Kobashi, Govier	J Urol 169, 2242-2243
2000-12-01	A New Technique for Cystocele Repair and Transvaginal Sling: The Cadaveric Prolapse Repair and Sling	Kobashi, et al	UROLOGY 56 (Suppl 6A): 9–14, 2000
2008-01-01	TENSION FREE VAGINAL TAPE VS. TRANS OBTURATOR TAPE: IS THERE ANY DIFFERENCE IN THE MIXED INCONTINENCE PATIENTS? RESULTS OF A MULTICENTRE RANDOMISED TRIAL	Kocjancic, et al	Eur Urol Suppl 2008;7(3):123
2005-02-01	A critical review of mid-urethral slings	Kohli, et al	OBG Management Supplement
2006-02-01	Augmenting pelvic floor repairs	Kohli, et al	Supplement to OBG Management
2014-01-01	Risk factors for mesh erosion after vaginal sling procedures for urinary incontinence	Kokanali, et al	
2010-00-00	Biomechanical Findings in Rats Undergoing Fascial Reconstruction With Graft Materials Suggested as an Alternative to Polypropylene	Konstantinovic, et al	Neurourology and Urodynamics 29:488–493

2013-01-01	Complications of Abdominal Sacrocolpopexy	Koski, Winters	Complications of Female Incontinence and Pelvic Reconstructive Surgery
2008-01-01	Assessment and management of pelvic organ prolapse	Kovoov, Hooper	OBSTETRICS, GYNAECOLOGY AND REPRODUCTIVE MEDICINE 18:9
	Regulation of Medical Devices in the United States and European Union	Kramer, et al	N Engl J Med 2012; 366(9): 848-855
2012-07-01	Pro: the contemporary use of transvaginal mesh in surgery for pelvic organ prolapse	Krlin, et al	Curr Opin Urol 2012, 22:282–286
2009-01-01	COMPARING TENSION-FREE VAGINAL TAPE AND TRANSOBTURATOR VAGINAL TAPE INSIDE-OUT FOR SURGICAL TREATMENT OF STRESS URINARY INCONTINENCE: PROSPECTIVE RANDOMIZED TRIAL, 1-YEAR FOLLOW-UP	Krmcmar, et al	Int Urogynecol J (2009) 20 (Suppl 2):S73–S239
2009-11-12	TVT and TVT-O for surgical treatment of primary stress urinary incontinence: prospective randomized trial	Krofta, et al	Int Urogynecol J (2010) 21:141–148
2009-06-18	ONE YEAR PROSPECTIVE FOLLOW-UP OF THE TVT-S PROCEDURE FOR TREATMENT OF STRESS URINARY INCONTINENCE	Krofta, et al	Abstract
2010-01-01	Posterior Wall Prolapse and Repair	Kudish, Iglesia	CLINICAL OBSTETRICS AND GYNECOLOGY Volume 53, Number 1, 59–71
2002-01-01	Chronic pain after laparoscopic and open mesh repair of groin hernia	Kumar, et al	Br J Surg 2002, 89, 1476-1479
2010-05-01	Pelvic Organ Prolapse	Kuncharapu, et al	Am Fam Physician. 2010;81(9):1111-1117, 1119-1120
2001-00-00	Comparison of Video Urodynamic Results After the Pubovaginal Sling Procedure Using Rectus Fascia And Polypropylene Mesh for Stress Urinary Incontinence	Kuo H	J Urol 165, 163-168
2002-01-01	A nationwide analysis of complications associated with the tension-free vaginal tape (TVT) procedure	Kuuva and Nilsson	Acta Obstet Gynecol Scand 2002; 81: 72–77
2008-01-01	Diagnostic Criteria for Pudendal Neuralgia by Pudendal Nerve Entrapment	Labat, et al	Neurology and UrodynamicsNeurology and Urodynamics 27:306–310

2013-09-19	Surgery versus Physiotherapy for Stress Urinary Incontinence	Labrie, et al	N Engl J Med
1988-01-01	The Value of Simultaneous Hysterectomy During Burch Colposuspension for Urinary Stress Incontinence	Langer, et al	Obstet Gynecol
2007-01-01	Levator Ani Trigger Point Injections: An Underutilized Treatment for Chronic Pelvic Pain	Langford, et al	Neurology and Urodynamics 26:59^62 (2007)
2005-00-00	Open retropubic colposuspension for urinary incontinence in women (Review)	Lapitan, et al	The Cochrane Library
2009-01-01	Open Retropubic Colposuspension for Urinary Incontinence in Women: A Short Version Cochrane Review	Lapitan, et al	Neurology and Urodynamics
2014-01-01	Outcomes of trocar-guided Gynemesh PS™ versus single-incision trocarless Polyform™ transvaginal mesh procedures	Larouche, et al	Int Urogynecol J
1995-00-00	MACROPHAGES AND INFLAMMATORY MEDIATORS IN TISSUE INJURY	Laskin, Pendino	Annu Rev Pharma Toxicol 35:655-77
2007-03-16	Transobturator and retropubic tape procedures in stress urinary incontinence: a systematic review and meta-analysis of effectiveness and complications	Latthe, et al	BJOG 2007;114:522—531
2006-01-01	WHO systematic review of prevalence of chronic pelvic pain: a neglected reproductive health morbidity	Latthe, et al	BMC Public Health
2011-01-26	Comparing effectiveness of combined transobturator tension-free vaginal mesh(Perigee) and transobturator tension-free vaginal tape(TVT-O) versus anterior colporrhaphy and TVT-O for associated cystocele and urodynamic stress incontinence	Lau, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 156 (2011) 228–232
2007-01-01	Retropubic Compared With Transobturator Tape Placement in Treatment of Urinary Incontinence: A Randomized Controlled Trial	Laurikainen, et al	Obstet Gynecol 2007;109:4—11
1997-09-01	FEMALE STRESS URINARY INCONTINENCE CLINICAL GUIDELINES PANEL SUMMARY REPORT ON SURGICAL MANAGEMENT OF FEMALE STRESS URINARY INCONTINENCE	Leach, et al	J Urol Vol. 158, 875-880
2012-06-22	Which women develop urgency or urgency urinary incontinence following midurethral slings?	Lee, et al	Int Urogynecol J

2013-01-01	Transvaginal Mesh Kits-How Serious are the complications and are they reversible	Lee, et al	UROLOGY 81: 43-49
2012-07-01	Native tissue repairs in anterior vaginal prolapse surgery: examining definitions of surgical success in the mesh era	Lee, et al	Curr Opin Urol 2012, 22:265–270
2007-10-17	Prospective comparison of the 'inside —out' and 'outside —in' transobturator-tape procedures for the treatment of female stress urinary incontinence	Lee, et al	Int Urogynecol J (2008) 19:577—582
2007-01-01	A Prospective Trial Comparing Tension-Free Vaginal Tape and Transobturator Vaginal Tape Inside-Out for the Surgical Treatment of Female Stress Urinary Incontinence: 1-Year Followup	Lee, et al	J Urol Vol. 177, 214-218
2013-01-01	Long-Term Outcomes of Autologous Pubovaginal Fascia Slings: Is There a Difference Between Primary and Secondary Slings?	Lee, et al	Neurourology and Urodynamics
2014-01-01	Meshology: a fast growing field involving mesh and or tape removal procedures and their outcomes	Lee, et al	Informa doi: UK10.1586/17434440.2015.985655
2015-00-00	Long-term Outcomes of Autologous Pubovaginal Fascia Slings	Lee, et al	Neurourology and Urodynamics 34:18--23 (2015)
1995-04-01	Osteitis Pubis: A Review	Lentz, Samuel S.	Obstetrical & Gynecological Survey
	COMPARISON OF SURGICAL OUTCOMES AFTER AUGMENTED ANTERIOR/APICAL REPAIR USING TWO DIFFERENT MATERIALS: DERMAL GRAFT AND POLYPROPYLENE MESH.	Letko, et al	Abstract
	Ultrasound Evaluation of Polypropylene Mesh Contraction at Long Term after Vaginal Surgery for Cystocele Repair	Letouzey, et al	Abstracts / Journal of Minimally Invasive Gynecology 16 (2009) S1—S51
2012-01-01	Is polypropylene mesh coated with antibiotics efficient to prevent mesh infection and contraction in an animal infectious model?	Letouzey, et al	Int Urogynecol J (2012) 23 (Suppl 2):S43—S244
2011-01-01	Ultrasonographic Scan Evaluation of Synthetic Mesh Used for vaginal cystocele repair	Letouzey, et al	Journal of Minimally Invasive Gynecology 18 (2011) S47—S70

2011-01-01	Utrasonographic Scan Evaluation of Synthetic Mesh Used for Vaginal Cystocele Repair Comparing Four Arms Trans Obturator Techniques to Bilateral Anterior Sacrospinous Ligament and Arcus Tendineus Suspension At 1 Year Follow Up	Letouzey, et al	Int Urogynecol J (2011) 22 (Suppl 1):S1 - S195
2010-01-01	Utrasonographic Scan Evaluation of Synthetic Mesh Used for Vaginal Cystocele Repair Comparing Four Arms Trans Obturator Techniques to Anterior Bilateral Sacro Spinous Ligament and Arcus Tendinous Suspension	Letouzey, et al	ICS-IUGA 2010 Abstract 43
	Vaginal degeneration following implantation of synthetic mesh with increased stiffness	Liang, et al	
2012-00-00	Sexual function in women following transvaginal mesh procedures for the treatment of pelvic organ prolapse	Liang, et al	Int Urogynecol J. 2012 Oct;23(10):1455-60
2007-08-01	Monarc vs TVT-O for the treatment of primary stress incontinence: a randomized study	Liapis, et al	Int Urogynecol J (2008) 19:185—190
2009-01-01	Efficacy of inside-out transobturator vaginal tape (TVTO) at 4 years follow up	Liapis, et al	European Journal of Obstetrics Ih Gynecology and Reproductive Biology 148 (2010) 199-201
2006-05-16	Tension-free vaginal tape versus tension-free vaginal tape obturator in women with stress urinary incontinence	Liapis, et al	Gynecol Obstet Invest 2006;62 !60i 164
2002-01-01	Burch Colposuspension and Tension-Free Vaginal Tape in the Management of Stress Urinary Incontinence in Women	Liapis, et al	European Urology
2005-01-01	Suburethral slingplasty evaluation study in North Queensland, Australia: The SUSPEND trial	Lim, et al	Australian and New Zealand Journal of Obstetrics and Gynaecology 2005; 45: 52–59
2006-00-00	Clinical and quality-of-life outcomes in women treated by the TVT-O procedure	Lim, et al	BIOG 2006;113:1315--1320.
2010-05-04	Do the Advantage slings work as well as the tension-free vaginal tapes?	Lim, et al	Int Urogynecol J (2010) 21:1157-1162
2007-01-01	Dyspareunia and chronic pelvic pain after polypropylene mesh augmentation for transvaginal repair of anterior vaginal wall prolapse	Lin, et al	Int Urogynecol J (2007) 18:675–678

2005-03-01	IN VIVO TENSION SUSTAINED BY FASCIAL SLING IN PUBOVAGINAL	Lin, et al	J Urol Vol. 173, 894-897
2010-10-01	Polypropylene mesh used for adjuvant reconstructive surgical treatment of advanced pelvic organ prolapse	Lin, et al	J. Obstet. Gynaecol. Res. Vol. 36, No. 5: 1059-1063
2015-00-00	A first reported case of clear cell carcinoma associated with delayed extrusion of midurethral tape	Lin, et al	Int Urogynecol J DOI 10.1007/s00192-015-2876-5
2007-03-29	PrePubic Mid-Urethral Sling for Stress Urinary Incontinence: Prospective Single-Arm Clinical Study of Efficacy, Safety and Sexual Function - Interim Data	Lind, et al	
2011-01-01	Neurophysiological characterization of persistent pain after laparoscopic inguinal hernia repair	Linderoth, et al	Hernia, 15(5), 521-529
2009-04-01	The Rapid Evolution of Vaginal Mesh Delivery Systems for the Correction of Pelvic Organ Prolapse:Part 1	Littman, Culligan	Female Patient VOL 34, 2-8
2009-05-01	The Rapid Evolution of Vaginal Mesh Delivery Systems for the Correction of Pelvic Organ Prolapse: Part 2	Littman, Culligan	The Female Patient Vol 34, 1-2
2004-00-00	Effect of Lithotomy Positions on Strain of the Obturator and Lateral Femoral Cutaneous Nerves	Litwiller, et al	Clinical Anatomy 17:45-49 (2004)
2009-10-01	Long Term Efficacy And Safety Of The Obtryx (Boston Scientific Corp.) Sling For Treatment Of Stress Urinary Incontinence In A Community Setting: An Analysis Of Outcomes And Quality Of Life	Litwiller, et al	Journal of Pelvic Medicine & Surgery 12, 5
2009-03-04	Combined Pelvic Reconstructive Surgery and Transobturator Tape (Monarc) in Women with Advanced Prolapse and Urodynamic Stress Incontinence: A Case Control Series	Lo TS	Journal of Minimally Invasive Gynecology (2009) 16, 163-166
2014-11-06	Sacrospinous Ligament Fixation of Transvaginal Mesh: An innovative concept 10 years influence	Lo TS	Gynecology and Minimally Invasive Therapy
2012-00-00	Scarless Fetal Skin Wound Healing Update	Lo, et al	Birth Defects Research (Part C) 96:237-247
2012-01-07	Risk factors of surgical failure following transvaginal mesh repair for the treatment of pelvic organ prolapse	Long, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 161 (2012) 224–227
2012-01-01	Changes in Female Sexual Function following Anterior with and without Posterior Vaginal Mesh Surgery for the Treatment of pelvic Organ Prolapse	Long, et al	J Sex Med 2012;9:2167–2174

2010-09-10	Comparison of clinical outcome and urodynamic findings using "Perigee and/or Apogee" versus "Prolift anterior and/or posterior" system devices for the treatment of pelvic organ prolapse	Long, et al	Int Urogynecol J (2011) 22:233–239
2005-01-01	Mesh repair of parastomal hernias - a safety modification	Longman, Thomson	Colorectal Disease, 7, 292—294
2010-01-01	Transvaginal polypropylene mesh versus sacrospinous ligament fixation for the treatment of uterine prolapse 1-year follow-up of a randomized controlled trial	Lopes, et al	International Urogynecology Journal 21: 389-394
2006-00-00	A randomized controlled equivalence trial of short-term complications and efficacy of tension-free vaginal tape and suprapubic urethral support sling for treating stress incontinence	Lord, et al	BJU Int 98, 367-76
2002-01-01	Safety and Efficacy of Sacrospinous Vault Suspension	Lovatsis, Drutz	Int Urogynecol J (2002) 13:308–313
2013-01-01	Colpocleisis: Current Practice and Complications	Lowenstein, Erisson	Complications of Female Incontinence and Pelvic Reconstructive Surgery
2006-01-27	Neural pain after uterosacral ligament vaginal suspension	Lowenstein, et al	Int Urogynecol J (2007) 18: 109–110
	Small-pore polypropylene slings: still out there	Lowery, et al	
2012-01-01	EAU Guidelines on Surgical Treatment of Urinary Incontinence	Lucas, et al	European Urology 62 (2012) 1118—1129
2003-02-00	Laparoscopic Burch colposuspension for stress urinary incontinence: When, how, and why'?	Lucente, Murphy	OBG MANAGEMENT
2005-01-01	Suture erosion and wound dehiscence with permanent versus absorbable suture in reconstructive posterior vaginal surgery	Luck, et al	Am J Obstet Gynecol
2003-01-01	The effects of the tension-free vaginal tape on proximal urethral position: a prospective, longitudinal evaluation	Lukacz, et al	Int Urogynecol J
2009-01-01	Polypropylene mesh vs. site-specific repair in the treatment of anterior vaginal wall prolapse: preliminary results of a randomized clinical trial	Lundardelli, et al	Rev. Col. Bras. Cir. 2009; 36(3): 210-216

2011-05-16	COMPARISON OF OUTCOMES BETWEEN DIFFERENT SUB-URETHRAL SLING PROCEDURES FOR FEMALE STRESS URINARY INCONTINENCE: ANALYSIS FROM A HOSPITAL DATABASE	Magee, et al	J Urol 185; 4S; e407
2012-01-01	A Real-World Comparative Assessment of Complications Following Various Mid-Urethral Sling Procedures for the Treatment of Stress Urinary Incontinence	Magee, et al	Journal of Long-Term Effects of Medical Implants, 22(4): 329-340
	The outcome of transobturator cystocele repair using biocompatible porcine dermis graft: our experience with 32 cases	Mahdy, et al	
2006-01-01	Surgical management of anterior vaginal wall prolapse an evidencebased literature review	Maher, Baessler	Int Urogynecol J (2006) 17: 195–201
2010-01-01	Surgical management of pelvic organ prolapse in women review	Maher, et al	The Cochrane Library 2010, Issue 8
2011-04-01	Laparoscopic sacral colpopexy versus total vaginal mesh for vaginal vault prolapse: a randomized trial	Maher, et al	Am J Obstet Gynecol 2011;204:360.e1-7
2008-01-01	Surgical Management of Pelvic Organ Prolapse in Women: A Short Version Cochrane Review	Maher, et al	Neurourology and Urodynamics 27:3–12 (2008)
2013-01-01	Surgical management of pelvic organ prolapse in women	Maher, et al	The Cochrane Library 2013, Issue 4
2013-09-01	The transvaginal mesh decade	Maher, Haya	Expert Review of Obstetrics & Gynecology. 8.5 (Sept. 2013): p 485
2015-05-00	The Foreign Body Response: At the Interface of Surgery and Bioengineering	Major, et al	Plast. Reconstr. Surg. 135: 1489, 2015.
2012-10-10	Graft-related complications and biaxial tensiometry following experimental vaginal implantation of flat mesh of variable dimensions	Manodoro,et al	BJOG 2013;120:244–250
2012-01-01	Persistent pelvic pain following transvaginal mesh surgery: a cause for mesh removal	Marcus-Braun, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 162 (2012) 224–228
2008-12-01	Complications requiring reoperation following vaginal mesh kit procedures for prolapse	Margulies, et al	Am J Obstet Gynecol 2008;199:678.e1-678.e4
	The Microbiota of the Vagina and Its Influence on Women's Health and Disease	Martin DH	

2011-01-01	RANDOMIZED PROSPECTIVE TRIAL OF A COMPARISON OF THE EFFICACY OF TVT-O AND TVT SECUR SYSTEM IN THE TREATMENT OF STRESS URINARY INCONTINENT WOMEN – COMPARISON OF THE LONG- AND SHORT-TERM RESULTS	Masata, et al	ICS 2011
2006-01-01	Systemic allergic reaction to polypropylene mesh used in surgical treatment of cystocoele. A case report	Matyszewski, et al	Menopause Review 2006; 4:239-243
2012-01-01	Outcome of Obtryx transobturator sling for stress incontinence in Scottish women	May, et al	Poster 429
2015-03-24	Mechanical biocompatibility of highly deformable biomedical materials	Mazza, Ehret	Journal of the Mechanical Behavior of Biomedical Materials
2016-02-01		McCammon and Kobashi	The Journal of Urology
2010-01-01	An update on surgery for pelvic organ prolapse	McIntyre, et al	Curr Opin Urol 20:490–494
1981-01-01	From "Promising Report" to "Standard Procedure": Seven Stages in the Career of a Medical Innovation	McKinlay J	Seven Stages in the Career of a Medical Innovation
2005-00-00	Bladder Perforation During Tension-Free Vaginal Tape Procedures Analysis of Learning Curve and Risk Facfors	McLennn, Melick	Obstet Cynecol 2005;106:1000-4
1995-00-00	Interleukin-4 Induces Foreign Body Giant Cells from Human Monocytes/Macrophages	McNally, Anderson	American Journal of Pathology, Vol. 147, No. 5
	Suburethral tape via the obturator route: is the TOT a simplification of the TVT?	Mellier, et al	
2011-00-00	Late urethral erosion of transobturator suburethral mesh (Obtape): a minimally invasive management under local anaesthesia	Mendonca, et al	Int Urogynecol J (2011) 22:37--39
2011-12-01	Colporrhaphy Compared With Mesh or Graft-Reinforced Vaginal Paravaginal Repair for Anterior Vaginal Wall Prolapse	Menefee, et al	Obstet Gynecol 2011;118:1337–44
2001-01-01	A systematic review of tension-free urethropexy for stress urinary incontinence: intravaginal slingplasty and the tension-free vaginal tape procedures	Merlin, et al	BJU International
1991-01-01	Factors Influencing Bacterial Adherence to Biomaterials	Merritt, Chang	BiomatAppl 1991; 5:185
2007-03-08	Peri-operative morbidity and early results of a randomised trial comparing TVT and TVT-0	Meschia, et al	Int Urogynecol J (2007) 18:1257–1261

2007-01-01	Porcine Skin Collagen Implants to Prevent Anterior Vaginal Wall Prolapse Recurrence: A Multicenter, Randomized Study	Meschia, et al	J Urol Vol. 177, 192-195
1989-00-00	In vivo and in vitro degradation of monofilament absorbable sutures, PDS and Maxon	Metz, et al	Biomaterials, 11(1), 41-45
2006-01-01	Hydrogen peroxide producing lactobacilli in women with vaginal infections	Mijac, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 129 (2006) 69–76
2014-01-01	THE IUGA-ICS CLASSIFICATION OF SYNTHETIC MESH COMPLICATIONS IN FEMALE PELVIC FLOOR RECONSTRUCTIVE SURGERY: A MULTICENTER STUDY	Miklos, et al	Int Urogynecol S140 J (2014) 25 (Suppl 1):S1–S240
2005-01-01	Functional and anatomical outcome of anterior and posterior vaginal prolapse repair with prolene mesh	Milani, et al	BJOG Vol. 112, pp. 107-111
2011-01-01	Sexual Function Following Trocar-guided Mesh or Vaginal Native Tissue Repair in Recurrent Prolapse: A Randomized Controlled Trial	Milani, et al	J Sex Med 2011;8:2944–2953
2009-01-01	International Urogynecological Association- Short Term Outcomes and Peri-Operative Events after a new transvaginal anterior and apical mesh repair	Miller D	International Urogynecological Association
	Prospective Clinical Assessment of the Transvaginal Mesh Technique for Treatment of Pelvic Organ Prolapse—5-Year Results	Miller, et al	AUG S CONFERENCE PRESENTATION
2012-00-00	Informed surgical consent for a mesh/graft-augmented vaginal repair of pelvic organ prolapse	Miller, et al	Int Urogynecol J
2008-00-00	Pathology of ilioinguinal neuropathy produced by mesh entrapment: case report and literature review	Miller, et al	Hernia (2008) 12:213--216
2009-01-01	COMPARISON OF TRANSVAGINAL ANTERIOR MESH SYSTEMS FOR SUPPORT OF ANTERIOR AND APICAL COMPARTMENTS IN A CADAVER MODEL	Miller, Lotze	Journal of Pelvic Medicine & Surgery · Volume 15, Number 2 ,
2009-01-01	Comparison of Transvaginal Mesh System Placement for Support of Anterior and Apical Compartments in a Cadaver Model	Miller, Lotze	Int Urogynecol J (2009) 20 (Suppl 2):S99-S100
2009-05-00	Surgical Resection for Suburethral Sling Complications After Treatment for Stress Urinary Incontinence	Misrai, et al	J Urol 181, 2198-2203

2007-04-21	Rising use of synthetic mesh in transvaginal pelvic reconstructive surgery: A review of the risk of vaginal erosion	Mistrangelo, et al	Journal of Minimally Invasive Gynecology (2007) 14, 564–569
2008-01-09	Tensile properties of five commonly used mid-urethral slings relative to the TVT	Moalli, et al	Int Urogynecol J (2008) 19:655–663
2014-03-11	Polypropylene mesh: evidence for lack of carcinogenicity	Moalli, et al	Int Urogynecol J (2014) 25:573—576
2012-00-00	FEASIBILITY AND SHORT-TERM OUTCOMES FOLLOWING THE USE OF THE UPHOLD VAGINAL SUPPORT SYSTEM FOR TREATMENT OF SYMPTOMATIC VAGINAL	Mobley, et al	Neurology and Urodynamics DOI 10.1002
2011-01-01	Painful Love - "Hispareunia" after Sling Erosion of the Female Partner	Mohr, et al	J Sex Med 8:1740–1746
2008-00-00	Carcinogenesis Induced by Foreign Bodies	Moizhes T.G.	Biochemistry (Moscow), 2008, Vol. 73, No. 7, pp. 763-775.
2011-07-07	Anatomic relationships of the pudendal nerve branches	Montoya, et al	Am J Obstet Gynecol 2011;205:504.e1-5
2011-11-04	Occurrence and accumulation patterns of polycyclic aromatic hydrocarbons and synthetic musk compounds in adipose tissues of Korean females	Moon, et al	Chemosphere 86 (2012) 485–490
2010-09-01	Vaginal Mesh Kits for Prolapse 2010: Update in Technology and Techniques to Minimize Complications	Moore, Davila	The Female Patient VOL 35
2011-08-25	Single-incision vaginal approach to treat cystocele and vault prolapse with an anterior wall mesh anchored apically to the sacrospinous ligaments	Moore, et al	Int Urogynecol J (2012) 23:85–91
2009-03-01	Vaginal Mesh Kits for Pelvic Organ Prolapse, Friend or Foe: A Comprehensive Review	Moore, Miklos	TheScientificWorldJOURNAL (2009) 9, 163-189
	Tension-free vaginal tape for primary genuine stress incontinence: a two-centre follow-up study	Moran, et al	
	Transobturator Versus Transabdominal Mid Urethral Slings: A Multi-Institutional Comparison of Obstructive Voiding Complications	Morey, et al	
	The Marlex sling operation for the treatment of recurrent stress urinary incontinence: A 16-year review	Morgan, et al	

2007-06-01	Heterogeneity in Anatomic Outcome of Sacrospinous Ligament Fixation for Prolapse	Morgan, et all	Obstet Gynecol 2007;109:1424–33
2010-01-01	The use of mesh in vaginal prolapse repair: do the benefits justify the risks?	Morrisroe, et al	Current Opinion in Urology 2010, 20:275–279
2011-01-01	Preoperative urodynamic predictors of short-term voiding dysfunction following a transobturator tension-free vaginal tape procedure	Mostafa, et al	International Journal of Gynecology and Obstetrics 115 (2011) 49-52
2011-01-01	A MULTICENTRE RANDOMISED TRIAL OF SINGLE-INCISION MINI-SLING (AJUST©) AND TENSION-FREE VAGINAL TAPE-OBTURATOR (TVT-OTM) IN MANAGEMENT OF FEMALE STRESS URINARY INCONTINENCE	Mostafa, et al	ICS 2011
2007-01-18	Vaginal pressure during daily activities before and after vaginal repair	Mouritsen, et al	Int Urogynecol J (2007) 18:943–948
2012-00-00	Cystocele repair by vaginal route: comparison of three different surgical techniques of mesh placement	Mourtialon, et al	Int Urogynecol J (2012) 23:699-706
2010-01-01	Use of vaginal mesh in the face of recent FDA warnings and litigation	Mucowski, et al	Am J Obstet Gynecol 2010;203:103.e1-4
2014-01-01	The fate of abstracts presented at annual meeting sof the American Urogynecologic Society from 2007 to 2008s	Muffly, et al	Female Pelvic Med Reconstr Surg 2014;20: 137-140
	The Relationship of Tension-Free Vaginal Tape Insertion and the Vascular Anatomy	Muir, et al	Obstet Gynecol 2003;101:933-6
	Transvaginal Sling Release With Intraoperative Ultrasound Cuidance	Mukati, Shobeiri	
2010-01-01	Urethral strictures	Mundy, Andrich	BJUI
2008-00-00	Clinical Practice Guidelines on Vaginal Graft Use From the Society of Gynecologic Surgeons	Murphy M	Obstet Gynecol 2008;112:1123--30
	Use of Mesh and Materials in Pelvic Floor Surgery	Murphy M	Obstet Gynecol Clin N Am 36 (2009) 615–635
2012-00-00	Time to rethink: an evidence-based response from pelvic surgeons to the FDA Safety Communication: "Update on serious complications associated with transvaginal placement of surgical mesh for pelvic organ prolapse"	Murphy, et al	Int Urogynecol J (2012) 23:5–9

2013-01-01	Complications of Anterior Compartment Repair	Murphy, Moore	Complications of Female Incontinence and Pelvic Reconstructive Surgery
2011-01-01	Mesh kits for anterior vaginal prolapse are not cost effective	Murray, et al	Int Urogynecol J (2011) 22:447–452
2011-04-00	Urethral Distortion After Placement of Synthetic Mid Urethral Sling	Murray, et al	J Urol 185, 1321-1326
2007-02-20	Bladder erosion of tension-free vaginal tape presented as vesical stone; management and review of literature	Mustafa, Wadie	Int Urol Nephrol (2007) 39:453-455
	Stress urinary incontinence in women Transobturator midurethral slings	Nager	
	Stress urinary incontinence in women Retropubic midurethral slings	Nager, et al	
	Transobturator tape for stress incontinence: The North Queensland experience	Naidu, et al	
2014-01-01	Single-incision sling operations for urinary incontinence in women (Review)	Nambiar, et al	The Cochrane Collaboration
2014-01-01	Single-incision sling operations for urinary incontinence in women (Review) Complete	Nambiar, et al	The Cochrane Library
2007-01-01	The role of local vaginal estrogen for treatment of vaginal atrophy in postmenopausal women: 2007 position statement of The North American Menopause Society	NAMS The Board of Trustees of the North American Menopause Society	Menopause: The Journal of the North American Menopause Society
2006-00-00	Pelvic floor reconstructive surgery: which aspects remain controversial?	Natale, Franca	Curr Opin Urol 16:407-412.
2015-01-01	NICE clinical guideline 171: Urinary incontinence. The management of urinary incontinence in women	National Institute for Health and Care Excellence	
2008-06-01	Surgical repair of vaginal wall prolapse using mesh	National Institute for Health and Clinical Excellence	National Institute for Health and Clinical Excellence
2008-00-00	Outcome After Anterior Vaginal prolapse repair: A Randomized Controlled Trial	Nguyen, Burchette	Obstet Gynecol 2008;111:891–8
2012-03-01	Perioperative Complications and reoperations after incontinence and prolapse surgeries using prosthetic implants	Nguyen, et al	Obstet Gynecol 2012;119:539–46
2010-03-30	Update: Answer to some common questions	NICE	

2013-01-01	Additional Written Evidence	NICE	House of Commons
1998-09-00	A New Operation for Genitourinary Prolapse	Nicita G	J Urol 160, 741 - 745
2010-09-01	Outcomes after anterior vaginal wall repair with mesh: a randomized, controlled trial with a 3 year follow up	Nieminen, et al	Am J Obstet Gynecol 2010;203:235.e1-8
2008-01-01	Symptom resolution and sexual function after anterior vaginal wall repair with or without polypropylene mesh	Nieminen, et al	Int Urogynecol J (2008) 19:1611–1616
2015-01-01	Creating a gold standard surgical procedure	Nilsson, CG	Int Urogynecol J
2013-04-06	Seventeen years' follow-up of the tension-free vaginal tape procedure for female stress urinary incontinence	Nilsson, et al	Int Urogynecol J (2013) 24:1265-1269
2008-06-06	Eleven years prospective follow-up of the tension-free vaginal tape procedure for treatment of stress urinary incontinence	Nilsson, et al	Int Urogynecol J (2008) 19:1043—1047
2013-04-06	Seventeen years' follow-up of the tension-free vaginal tape procedure for female stress urinary incontinence	Nilsson, et al	Int Urogynecol J (2013) 24:1265-1269
2001-01-01	Long-term Results of the Tension-Free Vaginal Tape (TVT) Procedure for Surgical Treatment of Female Stress Urinary Incontinence	Nilsson, et al	Int Urogynecol J (2001) (Suppl 2):S5—S8
2004-12-01	Seven-Year Follow-up of the Tension-Free Vaginal Tape Procedure for Treatment of Urinary Incontinence	Nilsson, et al	Obstet Gynecol 2004;104: 1259-62
2012-00-00	Complications of midurethral slings and their management	Nitti V	Can Urol Assoc J 2012;6(5):S120-2. http://dx.doi.org/10.5489/cuaj.12197
2008-01-01	Lynx midurethral sling system: a 1-year prospective study on efficacy and safety	Noblett, et al	Int Urogynecol J (2008) 19:1217-1221
	Urinary incontinence in women	Norton, Brubaker	
2010-01-01	Updated Systematic Review and Meta-Analysis of the Comparative Data on Colposuspenions, Pubovaginal Slings, and Midurethral Tapes in the Surgical Treatment of Female Stress Urinary Incontinence	Novara, et al	EUROPEAN UROLOGY 58 (2010) 218–238
2006-01-01	Critical Assessment of Pelvic Floor Surgical Reconstruction Outcome	Novara, et al	eau-ebu update series 4 (2006) 202–213
2007-06-21	Tension-Free Midurethral Slings in the Treatment of Female Stress Urinary Incontinence: A Systematic Review and Meta-analysis of Randomized Controlled Trials of Effectiveness	Novara, et al	European Urology 52 (2007) 663-679

2007-11-08	Complication Rates of Tension-Free Midurethral Slings in the Treatment of Female Stress Urinary Incontinence: A Systematic Review and Meta-Analysis of Randomized Controlled Trials Comparing Tension-Free Midurethral Tapes to Other Surgical Procedures and Different Devices	Novara, et al	European Urology 53 (2008) 288-309
2007-02-28	Marketed vaginal mesh kits: rampant experimentation or improved quality of care	Nygaard I	Int Urogynecol J (2007) 18:483–484
2008-01-01	What Does "FDA Approved" Mean for Medical Devices?	Nygaard I	OBSTETRICS & GYNECOLOGY VOL. 111, No. 1
2013-05-15	Long-term outcomes following abdominal sacrocolpopexy for pelvic organ prolapse	Nygaard, et al	JAMA. 2013;309(19):2016-2024
2004-01-01	Abdominal Sacrocolpopexy: A Comprehensive Review	Nygaard, et al	Obstet Gynecol 2004;104:805–23
2011-01-01	Summary of Research Recommendations From the Inaugural American Urogynecologic Society Research Summit	Nygaard, et al	Female Pelvic Medicine & Reconstructive Surgery Volume 17, Number 1
2012-00-00	A three-incision approach to treat persistent vaginal exposure and sinus tract formation related to ObTape mesh insertion	Occhino, et al	Int Urogynecol J (2012) 23:1307--1309
2013-00-00	Do You Believe in Magic? The Sense and Nonsense of Alternative Medicine	Offitt PA	HarperCollins
2011-01-01	Minimally Invasive Synthetic Suburethral Sling Operations for Stress Urinary Incontinence in Women: A Short Version Cochrane Review	Ogah, et al	Neurourology and Urodynamics 30:284–291 (2011)
2009-01-01	Minimally Invasive synthetic suburethral sling operations for stress urinary incontinence in women (Review)	Ogah, et al	The Cochrane Library
2012-09-21	Use of three types of synthetic mesh material in sling surgery	Okulu, et al	Scandinavian Journal of Urology, 2013; 47: 217-224
2011-01-01	Exploratory Study Assessing Efficacy and Complications of TVT-O, TVT-Secur, and Mini-Arc: Results at 12-Month Follow-Up	Oliveira, et al	European Urology 59 (2011) 940-944
2007-01-01	COMPARISON OF RETRO-PUBLIC TVT, PRE-PUBLIC TVT AND TVT TRANSOBTURATOR IN SURGICAL TREATMENT OF WOMEN WITH STRESS URINARY INCONTINENCE	Oliveira, et al	Int Urogynecol J (2007) 18 (Suppl 1):S107–S244

1996-12-02	Epidemiology of Surgically Managed Pelvic Organ Prolapse and Urinary Incontinence	Olsen, et al	Obstet Gynecol 1997;89:501-6
2010-01-01	Long-term efficacy of the tension-free vaginal tape procedure for the treatment of urinary incontinence; A retrospective follow-up 11.5 years post-operatively	Olsson, et al	Int Urogynecol J
1999-06-19	A Three-Year Postoperative Evaluation of Tension-Free Vaginal Tape	Olsson, Kroon	Gynecol Obstet Invest 1999;48:267-269
	Vaginal tape erosion following transobturator tape (TOT) operation for stress urinary incontinence	Onyeka, Ogah	
2009-00-00	Operative Complications and Results of the Sparc Procedure for Stress Urinary Incontinence	Oreskovic, et al	Coll Antropol 33 (2009) 1: 201-204
	Surgical Complications with Synthetic Materials	Ortega-Castillo, et al	
2013-08-03	A Systematic Review of Surgical Techniques Used in the Treatment of Female Urethral Stricture	Osman, et al	EUROPEAN UROLOGY 64 (2013) 965 – 973
1979-01-01	Effect of Suture Materials on Bacterial Survival in Infected Wounds: An Experimental Study	Osterberg, Blomstedt	Acta Chir Scand 145:431-434, 1979
2010-10-01	Polypropylene Vaginal Mesh Grafts in Gynecology	Ostergard D	OBSTETRICS & GYNECOLOGY Vol. 116, No. 4
2012-01-01	Evidence -based Medicine for Polypropylene Mesh Use Compared with Native Tissue Vaginal Prolapse Repair	Ostergard D	UROLOGY 79: 12–15
	Vaginal mesh grafts and the Food and Drug Administration	Ostergard DR	
2014-03-11	To mesh or not to mesh with polypropylene: does carcinogenesis in animals matter	Ostergard, Azadi	Int Urogynecol J (2014) 25:569–571
2007-03-16	Lessons from the Past: Directions for the Future, Do new marketed surgical procedures and grafts produce ethical, personal liability, and legal concerns for physicians?	Ostergard, Donald	Int Urogynecol J (2007) 18:591–598
	Elongation of textile pelvic floor implants under load is related to complete loss of effective porosity, thereby favouring incorporation in scar plates	Otto, et al	Journal of Biomedical Materials Research: Part A
2015-03-01	Implants in Urogynecology	Otto, et al	BioMed Research International
2015-01-01	Implants in Urogynecology	Otto, et al Editors	BioMed Research International

2013-01-01	Long-term follow-up after native tissue repair for pelvic organ prolapse	Oversand, et al	Int Urogynecol J
	Porous acellular porcine dermal collagen implants to repair fascial defects in a rat model: biomechanical evaluation up to 180 days	Ozog, et al	
2011-01-01	Shrinkage and biomechanical evaluation of lightweight synthetics in a rabbit model for primary fascial repair	Ozog, et al	Int Urogynecol J (2011) 22:1099–1108
2012-00-00	Approach to Management of Iatrogenic Foreign Bodies of the Lower Urinary Tract Following Reconstructive Pelvic Surgery	Padmanabhan, et al	J Urol 187, 1685-90
2010-05-04	A randomized trial comparing tension-free vaginal tape with tension-free vaginal tape-obturator: 36-month results	Palva, et al	Int Urogynecol J (2010) 21:1049–1055
2004-00-00	Laparoscopic Burch Colposuspension Versus Tension-Free Vaginal Tape: A Randomized Trial	Paraiso, et al	Obstet Gynecol 2004;104:1249-58
1996-01-01	Pelvic support defects and visceral and sexual function in women treated with sacrospinous ligament suspension and pelvic reconstruction	Paraiso, et al	Am J Obstet Gynecol 1996;175:1423-31
2006-01-01	Rectocele repair: A randomized trial of three surgical techniques including graft augmentation	Paraiso, et al	American Journal of Obstetrics and Gynecology (2006) 195, 1762–71
2012-01-01	Genitofemoral and Perineal Neuralgia After Transobturator Midurethral Sling	Parnell, et al	Obstet Gynecol 2012;119:428-31
2012-03-20	Polypropylene mesh and the host response	Patel, et al	Int Urogynecol J (2012) 23:669–679
	Sexual function after vaginal surgery for pelvic organ prolapse and urinary incontinence	Pauls, et al	
2011-01-01	De Novo Pudendal Neuropathy After TOT-O Surgery for Stress Urinary Incontinence	Paulson, Baker	JSLS (2011)15:326–330
1997-12-01	Cell locomotion and focal adhesions are regulated by substrate flexibility	Pelham et al.	Proc. Natl. Acad. Sci. USA Vol. 94, pp. 13661–13665
1979-01-01	Determination of Volatile Purgeable Halogenated Hydrocarbons in Human Adipose Tissue and Blood Serum	Peoples, et al	Bull. Environm. Contam. Toxicol. 23,244-249 (1979)
2011-00-00	Outcomes transobturator sling with polypropylene tape for surgical treatment of stress urinary incontinence	Perez, et al	Vol.50 no.3 Rev Surg Havana

2000-09-00	Tension-Free Vaginal Tape for the Treatment of Stress Urinary Incontinence	Peschers, et al	Clinical Obstetrics and Gynecology, 43(3): 670-675
2012-02-01	Interstitial Cystitis- Is it Time to Look Beyond the Bladder?	Peters K	J Urol Vol. 187, 381-382
2015-01-01	Referral mesh complications Hammett UVA 2015	Peters, et al	Female Pelvic Med Reconstr Surg
2011-08-16	Comparison of late complications of retropubic and transbturator slings in stress urinary incontinence	Petri, Ashok	Int Urogynecol J (2012) 23:321—325
2012-00-00	Evolution of Midurethral and Other Mesh Slings- a Critical Analysis	Petros, Papadimitriou	Neurourology and Urodynamics DOI 10.1002/nau
2015-06-01	The Significant Morbity of Removing Pelvic Mesh From Multiple Vaginal Compartments	Pickett, et al	Obstetrics & Gynecology
2009-00-00	Biomechanical properties of synthetic and biologic graft materials following long-term implantation in the rabbit abdomen and vagina	Pierce, et al	Am J Obstet Gynecol 2009;200:549.e1-549.es.
2009-05-01	Long-term histologic response to synthetic and biologic graft materials implanted in the vagina and abdomen of a rabbit model	Pierce, et al	Am J Obstet Gynecol 2009;200:546.e1-546.e8
2007-04-12	Complications of three sacrospinous ligament fixation techniques	Pollak, et al	International Journal of Gynecology and Obstetrics (2007) 99, 18–22
2006-00-00	Delayed urethral erosion after tension-free vaginal tape	Powers, et al	Int Urogynecol J (2006) 17: 422-425
2012-00-00	Effectiveness of midurethral slings in recurrent stress urinary incontinence: a systematic review and meta-analysis	Pradhan, et al	Int Urogynecol J (2012) 23:831--841
2008-12-01	The incidence of reoperation for surgically treated pelvic organ prolapse: an 11 year experience	Price, et al	Menopause International 2008; 14: 145–148
2007-04-25	Use of synthetic mesh in pelvic reconstructive surgery: a survey of attitudes and practice patterns of urogynecologists	Pulliam, et al	Int Urogynecol J (2007) 18:1405–1408
2004-01-01	MONARC TRANSOBTURATOR SUBURETHRAL SLING: EIGHTEEN MONTHS' EXPERIENCE	Queimadelos, et al	ICS I IUGA, Paris, France 2004
2004-00-00	Cabestrillo suburetral transobturator en el tratamiento de la incontinencia urinaria de esfuerzo femenina	Queimadelos, et al	REV MED UNIV NAVARRA/VOL 48, N° 4, 2004, 62-69
2003-00-00	Epidermal Reinnervation after Intracutaneous Axotomy in Man	Rajan, et al	THE JOURNAL OF COMPARATIVE NEUROLOGY 457:24-86

2010-00-00	Evaluating the porcine dermis graft InteXen in three-compartment transvaginal pelvic organ prolapse repair	Ramanah, et al	Int Urogynecol J (2010) 21:1151--1156
2008-01-01	Prospective Study of the Perigee System for the Management of Cystoceles-medium-term Follow up	Rane A	Ausr N I JObstetGynaecol. 2008; 48:427-32
2009-01-01	Outcomes Following Mid-Urethral Sling Placement in Patients with Intrinsic Sphincteric Deficiency: Monarc Slings	Rapp, et al	International Braz J Urol Vol. 35 (1): 68-75
	Recurrent Thigh Abscess with Necrotizing Fasciitis from a Retained Transobturator Sling Segment	Rardin, et al	
2009-01-08	New Considerations in the Use of Vaginal Mesh for Prolapse Repair	Rardin, Washington	Journal of Minimally Invasive Gynecology (2009) 16, 360–4
2014-01-01	Acute In Vivo response to an Alternative Implant for Urogynecology	Regueros, et al	BioMed Research International
	Traditional suburethral sling operations for urinary incontinence in women (Review)	Rehman, et al	
2011-01-01	Traditional suburethral sling operations for urinary incontinence in women (Review)	Rehman, et al	The Cochrane Library
2005-00-00	Long-term 5-Year Followup of the Results of the Vesica Procedure	Reid, Parys	J Urol 173, 1234-1236
2011-08-01	A series of Advantage suburethral slings	Renganathan, et al	Journal of Obstetrics and Gynaecology, August 2011 ; 31 : 521-523
2011-01-01	Mid-Term Follow-up of a Randomized Trial Comparing TVT-O, TVT-Secur and Mini-Arc	Resende, et al	Eur Urol Suppl 2011;10(2):244
	Vaginal reconstruction following supra-levator total pelvic exenteration	Rettenmaier, et al	
2012-05-01	Obturator Foramen Dissection for Excision of Symptomatic Transobturator Mesh	Reynolds, et al	J Urol 187:1680-1684
2011-01-01	Treatment of Recurrent Vaginal Prolapse with the Pinnacle Pelvic Floor Repair Kit	Ricci, et al	Int Urogynecol J (2011) 22 (Suppl 1):S 1-S195
2010-06-03	Retropubic Versus Transobturator Midurethral Slings for Stress Incontinence	Richter, et al	n engl j med 362;22

2007-00-00	Non-surgical management of stress urinary incontinence: ambulatory treatments for leakage associated with stress (ATLAS) trial	Richter, et al	Clinical Trials 2007; 4: 92--101
2010-03-00	A Trial of Continence Pessary vs. Behavioral Therapy vs. Combined Therapy for Stress Incontinence	Richter, et al	Obstet Gynecol. 2010 March; 115(3):609-617
2008-01-01	Variation of the obturator foramen and pubic arch of the female bony pelvis	Ridgeway, et al	Am J Obstet Gynecol 2008;198:546.e1-546.e4
2010-08-00	Functional Results After Tape Removal for Chronic Pelvic Pain Following Tension-Free Vaginal Tape or Transobturator Tape	Rigaud, et al	J Urol 184, 610-615
2012-01-01	Utero-vaginal suspension using a bilateral vaginal anterior sacrospinous fixation with mesh. Preliminary results	Rivaux, et al	Progres en urologie (2012) 22 , 1077-1083
2004-09-30	Decompression and Transposition of the Pudendal Nerve in Pudendal Neuralgia: A Randomized Controlled Trial and Long-Term Evaluation	Robert, et al	European Urology 47 (2005) 403–408
2009-01-01	Patient expectations, subjective improvement and objective cure: is there a difference between the transobturator tape and the tension free vaginal tape procedure?	Robert, et al	Abstract
2012-00-00	Overactive Bladder: Diagnosis and management	Robinson, Cardozo	Maturitas 71 (2012) 188–193
2012-04-01	PERIOPERATIVE COMPLICATIONS IN ELDERLY WOMEN: ROBOTIC VERSUS VAGINAL UROGYNECOLOGIC SURGERY	Robinson, et al	Female Pelvic Medicine & Reconstructive Surgery • Volume 18, Number 2, Supplement 1
2008-01-01	Urinary Stress Incontinence in Women	Rogers	N Engl J Med 2008;358:1029-36.
2013-01-01	Current trends in surgical repair of pelvic organ prolapse	Rogo-Gupta L	Curr Opin Obstet Gynecol 25:395-398
2013-01-01	Long-Term Symptom Improvement and Overall Satisfaction After Prolapse and Incontinence Graft Removal	Rogo-Gupta, et al	Female Pelvic Med Reconstr Surg 2013;19: 352Y355
2010-04-01	Complications of Mesh-Augmented Pelvic Organ Prolapse and Incontinence Repairs: Case Series of 319 Procedures	Rogo-Gupta, et al	Abstract

2013-01-01	Pain Complications of Mesh Surgery	Rogo-Gupta, Raz	Complications of Female Incontinence and Pelvic Reconstructive Surgery
2013-06-08	Mesh retraction correlates with vaginal pain and overactive bladder symptoms after anterior vaginal mesh repair	Rogowski, et al	Int Urogynecol J (2013) 24:2087–2092
2008-00-00	Surgeons' experience and interaction effect in randomized controlled trials regarding new surgical procedures	Roman, et al	Am J Obstet Gynecol, 199(2), 108 e101-106
2012-10-01	MULTI-CENTER RETROSPECTIVE CLINICAL EVALUATION OF THE LONG TERM OUTCOMES FOLLOWING PELVIC ORGAN PROLAPSE REPAIR USING PINNACLE PFR KIT (ANTERIOR APICAL)	Rosenblatt, et al	Female Pelvic Medicine & Reconstructive Surgery, Volume 18, Number 8, Supplement 1
	Evaluation of Force Required to Replace Two Different Trocar-less Pelvic Floor Repair Kit Mesh Legs from the Sacrospinosus Ligaments in a Cadaver Model	Rosenblatt, et al	ICS IUGA Abstract 682
2007-12-01	Neurovascular anatomy of the sacrospinous ligament region in female cadavers: Implications in sacrospinous ligament fixation	Roshanravan, et al	Am J Obstet Gynecol 2007;197:660.e1-660.e6
2009-12-01	Transobturator Tape Compared with Tension-Free Vaginal Tape for Stress Incontinence: A Randomized Controlled Trial	Ross, et al	Obstet Gynecol 2009;114:1287–94
2007-04-09	A Novel Mesh/Tissue Combination for Vaginal Prolapse in a Sheep Model -- A Pilot Study	Ross, et al	Draft
2012-08-01	Referral Pattern for Vaginal Mesh and Graft Complications to the University of Oklahoma Pelvic and Bladder Health Clinic	Rostaminia, et al	OSMA Journal
2007-00-00	Management of persistent groin pain after transobturator slings	Roth TM	Int Urogynecol J (2007) 18:1371--1373
2013-01-01	Controversies and consensus in female urology: a case based approach	Rovner, et al	AUANews
2008-01-05	Biomechanical properties of vaginal tissue: preliminary results	Rubod, et al	International Urogynecology Journal 2007

2005-01-01	RANDOMIZED TRIAL OF TENSION-FREE VAGINAL TAPE (TVT) VS. TENSION-FREE VAGINAL TAPE OBTURATOR (TVT-O) IN THE SURGICAL TREATMENT OF STRESS URINARY INCONTINENCE: COMPARISON OF OPERATION RELATED MORBIDITY	Ryu, et al	European Urology Supplements 4 (2005) No. 3, pp. 15
2013-01-01	Complications of Transvaginal Apical Repairs: Evaluation and management	Sajadi, Vasavada	Complications of Female Incontinence and Pelvic Reconstructive Surgery
2011-04-01	One Year Outcomes on Vaginal Mesh With Sacrospinous Ligament Attachment Through the	Salamon, et al	Female Pelvic Medicine & Reconstructive Surgery, 17, 2
2003-10-07	Treatment of Anterior Vaginal Wall Prolapse with Porcine Skin Collagen Implant by the Transobturator Route: Preliminary Results	Salomon, et al	European Urology 45 (2004) 219–225
2001-01-01	Prospective randomized trial of polyglactin 910 mesh to prevent recurrence of cystoceles and rectoceles	Sand, et al	Am J Obstet Gynecol 2001;184:1357-64
1992-01-01	Female Urinary Incontinence - Psychosocial Impact, Self Care, and Consultations	Sandvik, et al	Scand J Caring Sci
2007-01-01	The transobturatoric tape procedure for stress urinary incontinence - results of an Argentinean multicenter experience	Sarsotti, et al	Int Urogynecol J (2007) 18 (Suppl: 1):
2009-02-01	What about transvaginal mesh repair of pelvic organ prolapse? Review of the literature since the HAS (French Health Authorities) report	Savary, et al	Gynecol Obstet Biol Reprod (Paris). 2009 Feb;38(1):11-41
	Predictors of Success and Satisfaction of Nonsurgical Therapy for Stress Urinary Incontinence	Schaffer, et al	
2004-01-01	In vivo studies comparing the biocompatibility of various polypropylene meshes and their handling properties during endoscopic total extraperitoneal (TEP) patchplasty: An experimental study in pigs	Scheidbach, et al	Surg Endosc (2004) 18: 211 220
2012-01-01	Twelve Months Effect on Voiding Function of Retropubic Compared with Outside-in and Inside-out Transobturator Midurethral Slings	Scheiner, et al	Int Urogynecol J (2012) 23:197–206
2009-01-01	RETROPUBLIC TVT VS TRANSOBTURATOR OUTSIDE-IN TOT AND INSIDE-OUT TVT-O – ONE-YEAR RESULTS FROM OUR PROSPECTIVE RANDOMIZED STUDY	Scheiner, et al	ICS 2009

2008-00-00	Effectiveness of Tension-Free Vaginal Tape Compared With Transobturator Tape in Women With Stress Urinary Incontinence and Intrinsic Sphincter Deficiency: A Randomized Controlled Trial	Schierlitz, et al	Obstet Gynecol 2008;112:1253-61
2012-01-01	Three-Year Follow-Up of Tension-Free Vaginal Tape Compared With Transobturator Tape in Women With Stress Urinary Incontinence and Intrinsic Sphincter Deficiency	Schierlitz, et al	Obstet Gynecol 2012;119:321-7
2014-07-01	Sling surgery for stress urinary incontinence in women: a systematic review and metaanalysis	Schimpf, et al	Am J Obstet Gynecol 2014;211:71.e1-27
2007-01-01	Positive Symptom improvement with laparoscopic uterosacral ligament repair for uterine or vaginal vault prolapse: Interim results from an active multicenter trial	Schwartz, et al	Journal of Minimally Invasive Gynecology (2007) 14, 570-576
2009-01-01	Female sexual function following surgery for stress urinary incontinence: tension-free vaginal versus transobturator tape procedure	Sentilhes, et al	Int Urogynecol J (2009) 20:393-399
2011-01-01	COMPARISON BETWEEN TRANSOBTURATOR VAGINAL TAPE INSIDE OUT AND SINGLE INCISION SLING SYSTEM IN THE TREATMENT OF FEMALE STRESS URINARY INCONTINENCE: PROSPECTIVE RANDOMIZED STUDY	Seo, et al	ICS 2011
2012-01-26	Tension-free Vaginal Tape for the Treatment of Urodynamic Stress Incontinence: Efficacy and Adverse Effects at 10-Year Follow-Up	Serati, et al	EUROPEAN UROLOGY 61 (2012) 939-946
2009-03-07	Surgical treatment for female stress urinary incontinence: what is the gold-standard procedure?	Serati, et al	Int Urogynecol J (2009) 20:619-621
2007-01-01	Effects of resterilization on mechanical properties of polypropylene meshes	Serbetci, et al	The American Journal of Surgery 194 (2007) 375-379
2014-01-01	Long Term Follow up of the Solyx Single Incision Sling in the Treatment of Female Stress Urinary Incontinence (SUI)	Serels, Douso	Open Journal of Urology, 2014, 4, 13-17
2010-01-01	Preliminary findings with the Solyx™ single-incision sling system in female stress urinary incontinence	Serels, et al	Int Urogynecol J (2010) 21:557-561

2009-01-01	RETROSPECTIVE REVIEW OF EARLY EXPERIENCE USING THE BOSTON SCIENTIFIC SOLYX SINGLE-INCISION SLING SYSTEM TO TREAT STRESS URINARY INCONTINENCE IN WOMEN - INTRAOPERATIVE EXPERIENCE	Serels, et al	AAGL presentation
2011-02-01	Safety and Efficacy of the Solyx Single-Incision Sling for the Treatment of Stress Urinary Incontinence: Preliminary Results	Serels, et al	UIJ
2007-01-01	Thoughts on Midurethral Synthetic Slings	Serels, Scott	Current Urology Reports
2012-04-01	Mesh complications in female pelvic floor reconstructive surgery and their management: A systematic review	Shah, Badlani	Indian J Urol. 2012 Apr-Jun; 28(2): 129–153
2008-01-01	The age distribution, rates, and types of surgery for pelvic organ prolapse in the USA	Shah, et al	Int Urogynecol J (2008) 19:421–428
2013-05-06	BACTERIOLOGICAL ANALYSIS OF EXPLANTED TRANSVAGINAL MESHES	Shah, et al	Abstract
2013-01-01	Surgical Management of Lower Urinary Mesh Perforation after Mid-Urethral Polypropylene Mesh Sling: Mesh Excursion, Urinary Tract Reconstruction and Concomitant Pubovaginal Sling with Autologous Rectus Fascia	Shah, et al	Int Urogynecol J (2013) 24:2111–2117
2010-01-01	Oral Poster 9:Short Term Results Of PINNACLE(R) Procedure Used To Treat Anterior/apical Prolapse In 43 Patients	Shapiro, et al	Female Pelvic Medicine & Reconstructive Surgery (2010) 16, 2: s19
	Transobturator mesh for cystocele repair: a short- to medium-term follow-up using 3D/4D ultrasound	Shek, et al	
2014-05-01	Imaging of slings and meshes	Shek, KL; Dietz, HP	AJUM 17 (2): 61-71
2012-01-01	Uniaxial Biomechanical Properties of 7 Different Vaginally Implanted Meshes for Pelvic Organ Prolapse	Shepherd et al.	Int Urogynecol J. 2012 May ; 23(5): 613–620
	Urethral slings placed by the transobturator approach: evolution in the technique and review of the literature	Shindel, Klutke	Curr Urol Rep. 2005;6(5):385-92
2009-00-00	Anatomic Outcomes of Paravaginal Repair Among Patients Undergoing Sacrocolpopexy	Shippey, et al	Journal of Pelvic Medicine & Surgery Volume 15, Number 2, March /April 2009 43

2010-00-00	Imaging and Management of Complications of Urogynecologic Surgery	Shobeiri S.	Pelvic Floor Disorders
2003-00-00	Anatomy of midurethral slings and dynamics of neurovascular injury	Shobeiri, et al	Int Urogynecol J (2003) 14: 185--190
	Recognition of Occult Bladder Injury During the Tension-free Vaginal Tape Procedure	Shobeiri, et al	
	Preoperative and postoperative analysis of site-specific pelvic support defects in 81 women treated with sacrospinous ligament suspension and pelvic reconstruction.	Shull, et al	
2000-01-01	A transvaginal approach to repair of apical and other associated sites of pelvic organ prolapse with uterosacral ligaments	Shull, et al	Am J Obstet Gynecol 2000;183:1365-74
2003-01-01	Vaginal Anatomy and Physiology	Siddique S	J Pelvic Med Surg 2003;9:263-272
	Vaginal Mesh Extrusion Associated with Use of Mentor Transobturator Sling	Siegel A	
2006-08-01	Uterosacral Ligament Vault Suspension Five-Year Outcomes	Silva, et al	Obstet Gynecol 2006;108:255-63
2005-01-01	Scientific basis for use of grafts during vaginal reconstructive procedures	Silva, Karram	Curr Opin Obstet Gynecol 17:519-529
2005-09-28	Comparative study of autologous pubovaginal sling and synthetic transobturator (TOT) SAFYRE sling in the treatment of stress urinary incontinence	Silva-Filho, et al	Arch Gynecol Obstet (2006) 273: 288-292
	Trial Registration for Public Trust: Making the Case for Medical Devices	Sim I	
2011-04-30	Vaginal prolapse repair using the Prolift kit: a registry of 100 successive cases	Simon, Debodinance	European Journal of Obstetrics & Gynecology and Reproductive Biology 158 (2011) 104-109
2005-01-01	Suburethral sling materials: Best outcome with autologous tissue	Simsiman, et al	American Journal of Obstetrics and Gynecology (2005) 193, 2112-6
2007-00-00	Perineal cellulitis and persistent vaginal erosion after transobturator tape (Obtape) - case report and review of the literature	Sivanesan, et al	Int Urogynecol J (2007) 18: 219--221

2007-09-28	A randomized comparison of polypropylene mesh surgery with site-specific surgery in the treatment of cystocoele	Sivaslioglu, et al	Int Urogynecol J (2008) 19:467–471
2011-07-11	Mesh complications following prolapse surgery:management and outcome	Skala, et al	European Journal of Obstetrics & Gynecology and Reproductive Biology 159 (2011) 453–456
1986-01-01	Giant papillary conjunctivitis from an exposed prolene suture	Skrypunch, et al	Can J Ophthalmol vol. 21, no. 5, 1986:189-192
2006-00-00	In vivo comparison of suburethral sling materials	Slack, et al	Int Urogynecol J (2006) 17: 106--110
2012-01-01	A standardized description of graft-containing meshes and recommended steps before the introduction of medical devices for prolapse surgery	Slack, et al	Int Urogynecol J (2012) 23 (Suppl 1):S15–S26
	The ethics of ignorance	Smith R	
2006-01-01	Long-term outcomes and review of complications in 75 patients with Boston Scientific Advantage Mesh in mid-urethral slings	Smith, Bresette	Boston Scientific Marketing
2013-01-01	Pathologic Evaluation of Explanted Vaginal Mesh: Interdisciplinary Experience From a Referral Center	Smith, et al	Female Pelvic Med Reconstr Surg 2013;19: 238-241
2011-01-01	Single-incision Midurethral tape (Ophira) vs. Transobturator tape (Obtryx): Prospective comparative study at a median follow-up of 6 months	Smith, et al	IUGA Poster
2013-08-01	Comparison of single-incision mid-urethral tape (Ophira) and transobturator tap (Obtryx) suburethral sling procedures for female stress urinary incontinence	Smith, et al	Journal of Clinical Medicine and Research
2011-07-25	Society of Gynecologic Surgeons (SGS) Executive Committee Statement Regarding the FDA Communication	Society of Gynecologic Surgeons (SGS) Executive Committee	
2012-01-01	One-year objective and functional outcomes of a randomized clinical trial of vaginal mesh for prolapse	Sokol, et al	Am J Obstet Gynecol 2012;206:e1-9
	Tension free monofilament macropore polypropylene mesh (Gynemesh PS) in female genital prolapse repair	Sola, et al	
2009-01-01	The 7-year outcome of the tension-free vaginal tape procedure for treating female stress urinary incontinence	Song, et al	BJU International

2007-01-01	Transobturator surgery for female stress incontinence: a comparative anatomical study of outside-in vs inside-out techniques	Spinosa, et al	BJUI 100, 1097-1102
	Transobturator surgery for female stress incontinence: a comparative anatomical study of outside-in vs inside-out techniques	Spinosa, et al	
2007-00-00	Low Erosion Rate With Posterior Repair Utilizing a Polypropylene Mesh-kit Through a Transverse Introital Incision	Srock MJ	Journal of Minimally Invasive Gynecology, Vol 14, No 6, November/December Supplement 2007
2011-10-06	Traditional native tissue versus mesh augmented pelvic organ prolapse repairs: providing an accurate interpretation of current literature	Stanford, et al	Int Urogynecol J (2012) 23:19–28
	A Comprehensive Review of Suburethral Sling Procedure Complications	Stanford, Paraiso	
1999-01-14	Nerve irritation after laparoscopic hernia repair	Stark, et al	Surg Endosc (1999) 13: 878–881
	The Gore-tex sling procedure for female sphincteric incontinence: indications, technique, and results	Staskin, et al	
	Synthetic Slings Pros and Cons	Staskin, Plzak	
2012-01-01	Urinary bladder stones in women	Stav, Dwyer	OBSTETRICAL AND GYNECOLOGICAL SURVEY, 67; 11: 715 - 725
2009-01-01	Pudendal Neuralgia Fact or Fiction	Stav, et al	Volume 64, Number 3 OBSTETRICAL AND GYNECOLOGICAL SURVEY
2010-01-01	Midurethral Sling Procedures for Stress Urinary Incontinence in Women Over 80 Years	Stav, et al	Neurourology and Urodynamics 29:1262-1266
2009-01-01	Evaluation and Treatment of Dyspareunia	Steege, Zolnoun	Obstet Gynecol 2009;113:1124–36
2010-04-01	One-year Anatomic And Quality Of Life Outcomes Following The Anterior Pinnacle Lift Kit Procedure For The Treatment Of Pelvic Organ Prolapse	Steinberg, et al	Female Pelvic Medicine & Reconstructive Surgery; Vol. 16, #2 Suppl
	One-Year Anatomic and Quality of Life Outcomes Following the Anterior Pinnacle Lift Kit Procedure for the Treatment of Pelvic Organ Prolapse	Steinberg, et al	Oral Poster 14
2009-01-01	Vaginal Reconstructive Surgery Using Pinnacle Mesh Kit vs Open Abdominal vs Laparoscopic Sacrocolpopexy - Comparison of Outcomes	Sternchuss, et al	Journal of Minimally Invasive Gynecology 16 (2009) S44

2012-07-01	Post-Implantation Alterations of Polypropylene in the Human	Sternschuss, et al	J Urol 188:27-32
	ERRATUM: POST-IMPLANTATION ALTERATIONS IN POLYPROPYLENE IN THE HUMAN	Sternschuss, et al	J Urol
1920-00-00	On the use of polarized light in the detection and investigation of suture materials embedded in the tissues	Stewart, et al	BMJ
	The challenge of evaluating surgical procedures	Stirrat, et al	
2004-00-00	Hydrogen peroxide produced by Lactobacillus species as a regulatory molecule for vaginal microflora	Strus, et al	Med Dosw Mikrobiol. 2004;56(1):67-77
	Weight Loss to Treat Urinary Incontinence in Overweight and Obese Women	Subak, et al	
2001-10-01	Cost of Pelvic Organ Prolapse Surgery in the United States	Subak, et al	Obstet Gynecol 2001;98:646 -51
	Total Pelvic Mesh Repair	Sullivan, et al	
2015-03-01	Comparison between the retropubic and transobturator approaches in the treatment of female stress urinary incontinence: a systematic review and meta-analysis of effectiveness and complications	Sun, et al	do i: 10.1590/S1 677-5538.I 8J U.201 5.02.06
2011-00-00	Is transobturator suburethral sling effective for treating female urodynamic stress incontinence with low maximal urethral closure pressure?	Sun, Tsai	Taiwanese Journal of Obstetrics & Gynecology 50 (2011) 20-24
2007-07-00	Comparison of Retropubic vs Transobturator Approach to Midurethral Slings: a systematic review and meta-analysis	Sung, et al	American Journal of Obstetrics & Gynecology
2008-11-01	Graft Use in Transvaginal Pelvic Organ Prolapse Repair	Sung, et al	Obstet Gynecol 2008;112:1131-42
	Complications of Sling Surgery	Sutherland S	Current Clinical Urology: Female Urology: A Practical Clinical Guide; Humana Press
1993-00-00	Judging clinical research questions: what criteria are used?	Sutherland, et al	Soc. Sci. Med. Vol. 37, No. 12, pp. 1427--1430, 1993
2011-00-00	Ultrasound appearances after mesh implantation -- evidence of mesh contraction or folding?	Svabik, et al	Int Urogynecol J (2011) 22:529—533
2002-07-01	Polypropylene mesh tape for Stress Urinary Incontinence	Sweat, et al	J Urol Vol. 168, 144--146

2007-03-21	"First do no harm" and the emerging story of the vaginal reconstructive mesh implant	Swift S	Int Urogynecol J (2007) 18:983–984
2004-10-14	Pelvic Organ Support Study: The distribution , clinical definition, and epidemiologic condition of pelvic organ support defects	Swift, et al	American Journal of Obstetrics and Gynecology (2005) 192, 795–806
	To Assess the Surgical Feasibility of Utilization of a Mesh Kit (Avaulta Solo Support System) in the Treatment of Pelvic Floor Prolapse	Syed R	
1997-01-01	Transvaginal Repair of vault prolapse: A review	Sze, Karram	Obstet Gynecol 1997;89:466-75
2009-03-03	Effect of Transobturator Tape on Overactive Bladder Symptoms and Urge Urinary Incontinence in Women with Mixed Urinary Incontinence	Tahseen, Reid	Obstet Gynecol 2009;113:617–23
2008-01-01	TVT and TOT - a comparison between these two techniques based on our clinical experience	Tamai, et al	Urologia 75(4):232-236
2014-10-02	A prospective, randomized and controlled trial for the treatment of anterior vaginal wall prolapse: Medium-term follow-up	Tamanini, et al	The Journal of Urology(2014), doi: 10.1016/j.juro.2014.10.003.
2008-01-01	TVT vs. TVT-O for Primary Stress Incontinence: A Randomized Clinical Trial	Tamussino, et al	Int Urogynecol J (2008) 19 (Suppl 1):S1–S166
2001-01-01	Tension-Free Vaginal Tape Operation: Results of the Austrian Registry	Tamussino, et al	Obstet Gynecol 2001;98:732– 6
2007-01-01	Transobturator tapes for stress urinary incontinence: Results of the Austrian registry	Tamussino, et al	Am J Obstet Gynecol 2007;197:634.e1-634.e5
2014-01-01	A Pilot Study Comparing Anatomic Failure after Sacrocolpopexy	Tan-Kim, et al	Perm J 2014 Fall;18(4):40-44
1993-00-00	Fibrin(ogen) Mediates Acute Inflammatory Responses to Biomaterials	Tang, Eaton	J. Exp. Med. 178, 2147-2156
1999-00-00	Natural Responses to Unnatural Materials: A Molecular Mechanism for Foreign Body Reactions	Tang, Eaton	Molecular Medicine 5: 351-358
2014-01-01	Safety and Efficacy of Retropubic or Transobturator Midurethral Slings in a Randomized Cohort of Turkish Women	Tarcan, et al	Urologia Internationalis
2011-01-01	Contasure-Needleless compared with transobturator-TVt for the treatment of stress urinary incontinence	Tardiu, et al	Int Urogynecol J (2011) 22:827—833

	NEEDLESS: A NEW TREATMENT FOR THE CORRECTION OF THE STRESS URINARY INCONTINENCE. PRELIMINARY RESULTS.	Tardiu, et al	Draft
2011-04-01	Randomized Trial of Tension-Free Vaginal Tape and Tension-Free Vaginal Tape-Obturator for Urodynamic Stress Incontinence in Women	Teo, et al	J Urol Vol. 185, 1350-1355
	RANDOMISED TRIAL OF TVT AND TVT-O FOR THE TREATMENT OF URODYNAMIC STRESS INCONTINENCE IN WOMEN	Teo, et al	
	Repair of Groin Hernia With Synthetic Mesh: Meta-Analysis of Randomized Controlled Trials	The EU Hernia Trialists Collaboration	
	A Randomized Controlled Trial of Anterior Colporraphy and Perigee As a Primary Surgical Correction of Symptomatic Cystocele	Thijs, et al	Abstract
2010-01-01	ONE YEAR RESULTS OF A PROSPECTIVE RANDOMIZED TRIAL COMPARING THE ORIGINAL INSIDE-OUT TRANSOBTURATOR (TVT-O™) PROCEDURE AND A MODIFIED VERSION USING A SHORTENED TAPE AND REDUCED DISSECTION FOR THE TREATMENT OF FEMALE STRESS URINARY INCONTINENCE	Thomas, et al	Int Urogynecol J (2010) 21 (Suppl 1):S1—S428
2011-06-17	Surgical management of mesh-related complications after prior pelvic floor reconstructive surgery with mesh	Tijdink, et al	Int Urogynecol J (2011) 22:1395–1404
2011-12-01	The TVT Worldwide Observational Registry for Long-Term Data: Safety and Efficacy of Suburethral Sling Insertion Approaches for Stress Urinary Incontinence in Women	Tincello, et al	J Urol Vol. 186, 2310-2315
	The TVT Worldwide Observational Registry for Long-Term Data: Safety and Efficacy of Suburethral Sling Insertion Approaches for Stress Urinary Incontinence in Women	Tincello, et al	
2012-10-01	UPHOLD VAGINAL SUPPORT SYSTEM IN THE SURGICAL MANAGEMENT OF PELVIC ORGAN PROLAPSE	Tipton, et al	Female Pelvic Medicine & Reconstructive Surgery • Volume 18, Number 8, Supplement 1,
	The Errors of Medicine	Todd J	

2010-01-01	Efficacy and safety of TVT-O and TVT-Secur in the treatment of female stress urinary incontinence: 1-year follow-up	Tomaselli, et al	Int Urogynecol J (2010) 21:1211–1217
2015-01-27	Medium-term and long-term outcomes following placement of midurethral slings for urinary incontinence	Tomaselli, et al	Int Urogynecol J
2009-02-04	Perineal approach to vascular anatomy during transobturator cystocele repair	Touboul, et al	BJOG 2009;116:708-712
	Xenograft use in reconstructive pelvic surgery: a review of the literature	Trabuco, et al	
2014-01-01	Overview of transvaginal placement of reconstructive materials (surgical mesh or biografts) for treatment of pelvic organ prolapse or stress urinary incontinence	Trabuco, Gebhart	UpToDate
2011-08-30	Safety and Effectiveness of Transvaginal Surgical Mesh Used for Repair of Pelvic Organ Prolapse	Transvaginal mesh Industry Working Group, et al	
2014-01-01	Characteristics and temporal trends in patient registries: focus on the life sciences industry,	Travers, et al	Pharmacoepidemiology and Drug Safety
2008-00-00	Neuropathic pain, Redefinition and a grading system for clinical and research purposes	Treede, et al	Neurology 2008;70:1630-1635
2004-10-27	Randomized comparison of suprapubic arc sling procedure vs tension-free vaginal taping for stress incontinent women	Tseng, et al	Int Urogynecol J (2005) 16: 230–235
2011-11-01	Gynecologic management of neuropathic pain	Tu, et al	American Journal of Obstetrics & Gynecology; 435-443
2007-01-01	Sonomorphological evaluation of polypropylene mesh implants after vaginal mesh repair in women with cystocele or rectocele	Tunn, et al	Ultrasound Obstet Gynecol 2007; 29: 449–452
	The aetiology of bacterial vaginosis	Turovskiy, et al	
2008-03-01	Complications of Synthetic Mid-Urethral Slings	Twiss, Raz	
2014-01-01	IN-DEPTH NANO-INVESTIGATION OF VAGINAL MESH AND TAPE FIBER EXPLANTS IN WOMEN	Tzartzeva, et al	Abstract
1996-01-01	An ambulatory surgical procedure Under Local Anesthesia for Treatment of Female Urinary Incontinence	Ulmsten, et al	Int Urogynecol J (1996) 7:81–86

1999-01-01	A three-year follow up of tension free vaginal tape for surgical treatment of female stress urinary incontinence	Ulmsten, et al	British Journal of Obstetrics and Gynaecology April 1999, Vol 106, pp. 345-350
1998-01-01	A Multicenter Study of Tension-Free Vaginal Tape (TVT) for Surgical Treatment of Stress Urinary Incontinence	Ulmsten, et al	Int Urogynecol J (1998) 9:210—213
1995-00-00	Intravaginal Slingplasty (IVS): An Ambulatory Surgical Procedure for Treatment of Female Urinary Incontinence	Ulmsten, Petros	Scand J Urol Nephrol 29: 75–82, 1995
2011-01-01	Key Concepts of Clinical Trials: A Narrative Review	Umscheid, et al	Postgrad Med. 2011 September; 123(5): 194–204
2013-11-12	Outcomes following treatment for pelvic floor mesh complications	Unger, et al	Int Urogynecol J
2013-01-01	Comparison of Contraction Exposure Rate Following Vaginal as Opposed to Abdominal Implantation of Flat-Polypropylene implant	Urbankova, et al	Int Urogynecol J (2013) 24 [Supp1]:S1-SI52
2008-01-01	The Trial of Mid-urethral slings [TOMUS]: Design and Methodology	Urinary Incontinence Treatment Network	J App Res 8,1:1-13
1989-08-01	Labeling Regulatory Requirements for Medical Devices	US Department of Health & Human Service	
2011-04-09	Use of the Gynecare Prolift system in surgery for pelvic organ prolapse: 1-year outcome	Vaiyapuri, et al	Int Urogynecol J (2011) 22:869–877
2008-01-01	TORP - Comparing the efficacy, execution and early complications of TVT and TVT-O	Valentim-Loureiro, et al	Int Urogynecol J (2008) 19 (Suppl 1):S1–S166
2013-00-00	Where to for pelvic organ prolapse treatment after the FDA pronouncements? Reply to Pelikan	van Geelen, Dwyer	Int Urogynecol J (2013) 24:1991
	Mesh Complications-A Review of the Basic Categories	Vardy M	Urogyn Update Volume 28, Number 1
2007-06-16	All oral presentations made at the 32nd Annual IUGA Meeting	Various	
2008-08-01	3-D Ultrasound Characterization of Mid-Urethral Slings: A Comparison of Three Different Sling Types	Vassallo, et al	Journal of Pelvic Medicine & Surgery Volume 14, Number 4
2010-01-05	Transvaginal mesh repair of anterior and posterior vaginal wall prolapse: a clinical and ultrasonographic study	Velemir,et al	Ultrasound Obstet Gynecol 2010; 35: 474–480
2006-00-00	Nerve injury: an exceptional cause of pain after TVT	Vervest, et al	Int Urogynecol J (2006) 17: 665—667

	TRANSOBTURATOR TAPE (TOT), INSIDE-OUT OR OUTSIDE-IN APPROACHES: DOES IT MATTER	Vervest, et al	
2012-00-00	Midurethral sling incision: indications and outcomes	Viereck, et al	Int Urogynecol J DOI 10.1007/s00192-012-1895-8
2003-12-10	The use of pessaries in vaginal prolapse	Vierhout M	European Journal of Obstetrics & Gynecology and Reproductive Biology 117 (2004) 4–9
2008-01-01	Robotic Gynecologic Surgery	Visco, Advincula	Obstet Gynecol 2008;112:1369–84)
2000-06-21	Vaginal mesh erosion after abdominal sacral colpopexy	Visco, et al	Am J Obstet Gynecol 2001;184:297-302
	Surgical Management of the Pelvis Plexus and Lower Abdominal Nerves	Viswanathan, et al	
2003-02-01	Surgical Intervention for Complications for the Tension-free Vaginal Tape Procedure	Volkmer, et al	J Urol Vol. 169, 570-574
2009-09-02	Bacterial colonisation of collagen-coated polypropylene vaginal mesh: are additional intraoperative sterility procedures useful?	Vollebregt, et al	Int Urogynecol J (2009) 20:1345—1351
2011-08-22	Primary surgical repair of anterior vaginal prolapse: a randomised trial comparing anatomical and functional outcome between anterior colporrhaphy and trocar-guided transobturator anterior mesh	Vollebregt, et al	BJOG 2011;118:1518–1527
2012-01-01	Effects of Vaginal Prolapse Surgery on Sexuality in Women and Men; Results from a RCT on Repair With and Without Mesh	Vollebregt, et al	J Sex Med 2012;9:1200–1211
	Exyerimentelle Geschwulstauslosung durch Kunststoffe aus chirurgischer Sicht	Vollmar J.	
	Place of mesh in vaginal surgery, including its removal and revision	von Theobald P	
2004-02-25	Laparoscopic sacrocolpopexy: results of a 100-patient series with 8 years follow-up	Von Theobald, Cheret	Gynecol Surg (2004) 1:31–36
1981-00-00	Emergency Abdominal Wall Reconstruction with Polypropylene Mesh: Short-term Benefits Versus Long-term Complications	Voyles, et al	Ann Surg
2012-01-01	Minimal mesh repair for apical and anterior prolapse: initial anatomical and subjective outcomes	Vu, et al	Int Urogynecol J (2012) 23:1753-1761

2009-01-01	The Uphold Vaginal Support System: A New "Minimal Mesh" Anterior-Apical Repair	Vu, et al	AUGS
2010-01-01	A NEW 'MINIMAL MESH' ANTERIOR-APICAL REPAIR	Vu, et al	Female Pelvic Medicine & Reconstructive Surgery
2005-09-01	AUTOLOGOUS FASCIAL SLING VS POLYPROPYLENE TAPE AT SHORT-TERM FOLLOWUP: A PROSPECTIVE RANDOMIZED STUDY	Wadie, et al	J Urol Vol. 174, 990—993
	Statement by L. Lewis Wall	Wall L	
2002-00-00	Pharmaceutical Sales Representatives and the Doctor/Patient Relationship	Wall, Brown	Obstet Gynecol 2002;100: 594-9
2010-01-01	The perils of commercially driven surgical innovation	Wall, Brown	Am J Obstet Gynecol 2010;202:30.e1-4.
2009-03-28	Commercial pressures and professional ethics: Troubling revisions to the recent ACOG Practice Bulletins on surgery for pelvic organ prolapse	Wall, Brown	Int Urogynecol J (2009) 20:765–767
	The use and misuse of prosthetic materials in reconstructive pelvic surgery: does the evidence support our surgical practice?	Walters M	
2015-01-01	Retropubic Operations for Stress Urinary Incontinence; Chapter 18	Walters, Mark D.	Urogynecology and Reconstructive Pelvic Surgery; ClinicalKey
2013-01-01	Surgical Treatment of Vaginal Apex Prolapse	Walters, Ridgeway	Obstet Gynecol 2013;121:354–74
2008-01-01	Editorial Comment on: Complication Rates of Tension-Free Midurethral Slings in the Treatment of Female Stress Urinary Incontinence: A Systematic Review and Meta-Analysis of Randomized Controlled Trials Comparing Tension-Free Midurethral Tapes to Other Surgical Procedures and Different Devices	Waltregny D	European Urology 53 (2008) 308-309
2006-06-01	Inside Out Transobturator Vaginal Tape for the Treatment of Female Stress Urinary Incontinence: Interim Results of a Prospective Study After a 1-Year Minimum Followup	Waltregny, et al	J Urol Vol. 175, 2191-2195
2008-11-04	The TVT-obturator surgical procedure for the treatment of female stress urinary incontinence: a clinical update	Waltregny, et al	Int Urogynecol J (2009) 20:337–348

2012-00-00	New Surgical Technique for Treatment of Stress Urinary Incontinence TVT-ABBREVO: From Development to Clinical Experience	Waltregny, et al	Surg Technol Int. 2012 Dec;22:149-57
2007-08-21	TVT-O for the Treatment of Female Stress Urinary Incontinence: Results of a Prospective Study after a 3-Year Minimum Follow-Up	Waltregny, et al	
2006-01-01	Prospective randomized comparison of transobturator suburethral sling (Monarc) vs suprapubic arc (Spac) sling procedures for female urodynamic stress incontinence	Wang, et al	Int Urogynecol J (2006) 17: 439–443
2011-00-00	Comparison of three mid-urethral tension-free tapes (TVT, TVT-O, and TVT-Secur) in the treatment of female stress urinary incontinence: 1-year follow-up	Wang, et al	Int Urogynecol J (2011) 22:1369--1374
2004-09-15	A histologic and immunohistochemical analysis of defective vaginal healing after continence taping procedures: A prospective case-controlled pilot study	Wang, et al	American Journal of Obstetrics and Gynecology (2004) 191, 1868–74
2008-02-25	A microbiological and immunohistochemical analysis of periurethral and vaginal tissue in women with de novo urge symptoms after mid-urethral sling procedures-a prospective case-controlled study	Wang, et al	Int Urogynecol J (2008) 19:1145-1150
2008-01-01	Do novo urge symptoms after mid-urethral sling procedures-A prospective case-Controlled study	Wang, et al	Int Urogynecol J (2008) 19 (Suppl 1):S36
2011-01-01	Impact of total vaginal mesh surgery for pelvic organ prolapse on female sexual function	Wang, et al	International Journal of Gynecology and Obstetrics 115 (2011) 167–170
2009-01-01	Transobturator tape procedure versus tension-free vaginal tape for treatment of stress urinary incontinence	Wang, et al	International Journal of Gynecology and Obstetrics 104 (2009) 113–116
2002-07-13	Prospective multicentre randomised trial of tension-free vaginal tape and colposuspension as primary treatment for stress incontinence	Ward, et al	BMJ VOLUME 325
2008-00-00	Tension-free vaginal tape versus colposuspension for primary urodynamic stress incontinence: 5-year follow up	Ward, KL; Hilton, P	BJOG 115, 226-33 (2008)
2000-00-00	Lower Extremity Neuropathies Associated with Lithotomy Positions	Warner, et al	Anesthesiology 2000; 93:938-42

2013-01-01	Is there a high incidence of hysterectomy and other nonbladder surgeries before and after onset of interstitial cystitis/bladder pain syndrome	Warren, et al	Am J Obstet Gynecol 2013;208:77.e1-6
2011-00-00	Commercial Products for Pelvic Repair	Washington J	Female Pelvic Med Reconstr Surg 2011;17:218–225
2009-02-01	Are new tools for correcting prolapse and incontinence better just because they're new?	Weber A	OBG Management 2; 21:e3 - e8
2011-03-01	Informed consent cannot be obtained for use of vaginal mesh	Weber A and Mucowski, et al	American Journal of Obstetrics & Gynecology e6
1995-04-01	Sexual Function in Women With Uterovaginal Prolapse and Urinary Incontinence	Weber, et al	
1995-12-01	Vaginal Anatomy and Sexual Function	Weber, et al	
2001-12-01	Anterior colporrhaphy: A randomized trial of three surgical techniques	Weber, et al	Am J Obstet Gynecol 2001;185:1299-306
2001-01-01	The Standardization of Terminology for Researchers in Female Pelvic Floor Disorders	Weber, et al	Int Urogynecol J (2001) 12:178–186
2012-01-01	A Midurethral Sling to Reduce Incontinence after Vaginal Prolapse Repair	Wei, et al	N Engl J Med 2012;366:2358-67.
2001-08-23	Functional impairment and complaints following incisional hernia repair with different polypropylene meshes	Welty, et al	Hernia 5: 142-147
2011-12-01	Informed consent and the use of transvaginal synthetic mesh	Whiteside J	Obstet Gynecol 2011;118:1409–16
2004-06-29	Risk factors for prolapse recurrence after vaginal repair	Whiteside, et al	American Journal of Obstetrics and Gynecology (2004) 191, 1533–
2004-02-24	Anatomy of the obturator region: relations to a trans-obturator sling	Whiteside, Walters	Int Urogynecol J (2004) 15: 223–226
	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans Vol.74	WHO	
2010-01-01	Short-term efficacy of a tranobturator sling in women veterans with a history of sexual trauma	Wilson, et al	MAAUA 68th Annual Meeting Abstracts
2006-01-01	The use of synthetic mesh in female pelvic reconstructive surgery	Winters, et al	BJU INTERNATIONAL 98, SUPPLEMENT1,70–7 6

2010-01-01	Does trocar-guided tension-free vaginal mesh (Prolift™) repair provoke prolapse of the unaffected compartments?	Withagen, et al	Int Urogynecol J (2010) 21:271–278
2011-02-01	Trocars-Guided Mesh compared with conventional vaginal repair in recurrent prolapse	Withagen, et al	Obstet Gynecol 2011;117:242–50
2011-01-01	Risk Factors for Exposure, Pain, and Dyspareunia After Tension-Free Vaginal Mesh Procedure	Withagen, et al	Obstet Gynecol 2011;118:629-36)
2003-01-01	Collagen content of nonsupport tissue in pelvic organ prolapse and stress urinary incontinence	Wong, et al	Am J Obstet Gynecol 2003;189:1597-600
2008-00-00	Histologic Comparison of Pubovaginal Sling Graft Materials: A Comparative Study	Woodruff, et al	UROLOGY 72: 85--89
2011-00-00	Central sensitization: Implications for the diagnosis and treatment of pain	Woolf C	PAIN 152 (2011) S2--S15
	Predicting the number of women who will undergo incontinence and prolapse surgery, 2010 to 2050	Wu, et al	
2014-06-01	Lifetime Risk of Stress Urinary Incontinence or Pelvic Organ Prolapse Surgery	Wu, et al	Obstet Gynecol 2014;123:1201–6
2007-01-01	HISTOLOGICAL ANALYSIS OF PERI-PROSTHETIC TISSUES OF MESH EXPLANTED FOR COMPLICATION AFTER SUI OR POP SURGERY	Yahi, et al	International Urogynecology Journal. 2007;18(Suppl 1):S149-S50
2006-01-01	High rate of vaginal erosions associated with the mentor ObTape	Yamada, et al	J Urol 176, 651-4
2004-00-00	Cystocele repair by a synthetic vaginal mesh secured anteriorly through the obturator foramen	Yan, et al	European Journal of Obstetrics Gynecology and Reproductive Biology 115 (2004) 90--94
2007-00-00	Thigh abscess mistaken for sarcoma following transobturator tape: A case report and literature review	Yeung, et al	Journal of Minimally Invasive Gynecology (2007) 14, 657-659
2014-01-03	Are the outcomes of transobturator tape procedure for female stress urinary incontinence durable in long-term follow-up?	Yongue, et al	Int Urol Nephrol (2014) 46:1295–1300
2007-00-00	Anatomic Comparison of Two Transobturator Tape Procedures	Zahn, et al	Obstet Gynecol 2007;109:701--6
2011-00-00	Laparoscopic versus Open Repair of Paraesophageal Hernia: The Second Decade	Zehetner, et al	J Am Coll Surg 2011;212:813--820

2011-01-01	The comparison of an inexpensive —modified transobturator vaginal tape versus TVT-O procedure for the surgical treatment of female stress urinary incontinence	Zhang, et al	Taiwanese Journal of Obstetrics & Gynecology 50 (2011) 318—321
2004-00-00	Host response after reconstruction of abdominal wall defects with porcine dermal collagen in a rat model	Zheng, et al	American Journal of Obstetrics and Gynecology (2004) 191, 1961--70
	Value of the pudendal nerves terminal motor latency measurements in the diagnosis of occult stress urinary incontinence	Zhu, et al	
2007-01-01	Comparing vaginal tape and transobturator tape for the treatment of mild and moderate stress incontinence	Zhu, et al	International Journal of Gynecology and Obstetrics (2007) 99, 14—17
	Mesh distortion video	Zolnoun, Denniz	Video
2012-01-01	Management of Mesh Complications and Vaginal Constriction: A Urogynecology Perspective	Zoorob, et al	Urol Clin N Am 39 (2012) 413—418
2011-01-01	VAGINAL COLPOPEXY USING A TROCAR-LESS MESH KIT VERSUS TRADITIONAL UTEROSACRAL LIGAMENT SUSPENSION: A RETROSPECTIVE COHORT STUDY	Zoorob, et al	Abstract
2007-00-00	Long-Term Tensile Properties of Tension-Free Vaginal Tape, Suprapubic Arc Sling System and Urethral Sling in an In Vivo Rat Model	Zorn, et al	J Urol 177, 1195-1198
2006-11-07	One-Year Follow-up of Tension-free Vaginal Tape (TVT) and Trans-obturator Suburethral Tape from Inside to Outside (TVT-O) for Surgical Treatment of Female Stress Urinary Incontinence: A Prospective Randomised Trial	Zullo, et al	European Urology 51 (2007) 1376—1384
	Sexual activity and function in women more than 2 years after midurethral sling placement	Zyczynski, et al	Am J Obstet Gynecol 2012;207:421.e1-6.

Document Date	Title	Primary Author	Publication
1997-01-01	Kinetic study of the thermal oxidation of polypropylene	Achimsky, et al	Polymer Degradation and Stability 57 (1997) 231-240
1997-01-01	Classification of biomaterials and their related complications in abdominal wall hernia surgery	Amid PK	Hernia (1997) 1:15-21
2001-00-00	BIOLOGICAL RESPONSES TO MATERIALS	Anderson J	Annu. Rev. Mater. Res. 2001. 31:81-110
2008-01-01	Foreign Body Reaction to Biomaterials	Anderson, et al	SEMIN. IMMUNOL. 20(2): 86-100
1984-00-00	Biomaterial biocompatibility and the macrophage	Anderson, Miller	Biomaterials 1984, Vol 5 January
2008-01-01	Prosthetic Material in Ventral Hernia Repair: How Do I Choose?	Bachman, Ramshaw	Surg Clin N Am 88 (2008) 101–112
2006-01-01	Principles of Polymer Science, 2nd Edition	Bahadur, Sastry	
2007-01-01	Polypropylene midurethral tapes do not have similar biologic and biomechanical performance in the rat	Bazi, et al	european urology 51 (2007) 1364–1375
2001-00-00	Polypropylene degradation: Theoretical and experimental investigations	Bertin, et al	Polymer Degradation and Stability 95 (2010) 782–791
2007-00-00	Demands and properties of alloplastic implants for the treatment of stress urinary incontinence	Binneboesel, et al	Expert Review of Medical Devices
2011-01-12	Biocompatibility of prosthetic meshes in abdominal surgery	Binnebosel, et al	Semin Immunopathol (2011) 33:235–243
2002-01-01	The role of synthetic and biological prostheses in reconstructive pelvic floor surgery	Birch, Fynes	Curr Opin Obstet Gynecol 14:527–535
2013-01-01	Physical and chemical microenvironmental cues orthogonally control the degree and duration of fibrosis-associated epithelial-to-mesenchymal transitions	Brown, et al	J Pathol 2013; 229: 25–35
2012-03-01	Macrophage phenotype as a predictor of constructive remodeling following the implantation of biologically derived surgical mesh materials	Brown, et al	Acta Biomater. 2012;8:978-87
2012-05-01	Macrophage polarization: an opportunity for improved outcomes in biomaterials and regenerative medicine	Brown, et al	Biomaterials.2012;33:3792-802
2015-08-02	Inflammatory Response to Prolapse Mesh	Brown, et al	American Journal of Obstetrics and Gynecology (2015)

2014-11-04	Rethinking regenerative medicine: a macrophage-centered approach	Brown, et al	Front Immunol. 2014;5:510
2011-01-01	The treatment of female stress urinary incontinence: an evidenced-based review	Cameron, Haraway	Open Access Journal of Urology 2011;3 109- 120
1994-11-01	Destruction of Micro-organisms	Chang SL	Journal (American Water Works Association), Vol. 36, No. 11 (November 1944), pp. 1192-1207
2004-01-01	Oxidative mechanisms of poly(carbonate urethane) and poly(ether urethane) biodegradation: In vivo and in vitro correlations	Christenson, et al	J Biomed Mater Res 70A: 245–255
1985-03-05	Characterization of morphologic and mechanical properties of surgical mesh fabrics	Chu, Welch	Journal of Biomedical Materials Research, Vol. 19, 903-916
1998-00-00	A New Murine Model for Mammalian Wound Repair and Regeneration	Clark, et al	CLINICAL IMMUNOLOGY AND IMMUNOPATHOLOGY 88, 1:35-45
1996-01-01	Intestine Submucosa and Polypropylene Mesh for Abdominal Wall Repair in Dogs	Clarke, et al	J. SURG. RESEARCH. 60:107-114
2010-01-06	Polypropylene as a reinforcement in pelvic surgery is not inert: comparative analysis of 100 explants	Clave, et al	Int Urogynecol J (2010) 21:261–270
2006-01-01	Textile Analysis of Heavy Weight, Mid-Weight, and Light Weight Polypropylene Mesh in a Porcine Ventral Hernia Model	Cobb, et al	Journal of Surgical Research 136, 1–7
2005-03-01	The Argument for Lightweight Polypropylene Mesh in Hernia Repair	Cobb, et al	SURG INNOV 2005 12: 63
2002-10-18	Structural alterations of prosthetic meshes in humans	Coda, et al	Hernia (2003) 7: 29–34
2004-01-01	Polypropylene in the intra-abdominal position: Influence of pore size and surface area	Conze, et al	Hernia (2004) 8: 365–372
	Biomaterials and the Evolution of Hernia Repair I: The History of Biomaterials and the Permanent Meshes	Cortes, et al	
2013-01-01	Critical Anatomic Concepts for Safe Surgical Mesh	Corton, Marlene	CLINICAL OBSTETRICS AND GYNECOLOGY Volume 56, Number 2, 247–256

2007-01-01	Characterization of Heavyweight and Lightweight Polypropylene Prosthetic Mesh Explants From a Single Patient	Costello, et al	SURGICAL INNOVATION 14(3):168-176
2007-01-01	Materials Characterization of Explanted Polypropylene Hernia Meshes	Costello, et al	J. BIOMED MATER. RES. PART B: APPL. BIOMATERIALS. 83B: 44-49
2010-01-01	Materials characterization of explanted polypropylene, polyethylene terephthalate, and expanded polytetrafluoroethylene composites: Spectral and thermal analysis	Cozad, et al	J. BIOMED. MATER. RES. PART B: APP. BIOMATER. 94B: 455-462
	An overview of tissue and whole organ decellularization processes	Crapo, et al	
2011-01-01	Microbial Degradation of Petroleum Hydrocarbon Contaminants: An Overview	Das, N; Chandran, P	SAGE-Hindawi Access to Research
1988-01-01	Polymer Stabilizers. A Survey with Reference to Possible Applications in the Conservation Field	de la Rie ER	STUDIES IN CONSERVATION. 33: 9-22
2006-01-01	Long-term anatomical and functional assessment of trans-vaginal cystocele repair using a tension-free polypropylene mesh	de Tayrac, et al	Int Urogynecol J (2006) 17: 483-488
2011-01-01	Basic science and clinical aspects of mesh infection in pelvic floor reconstructive surgery	de Tayrac, Letouzey	Int Urogynecol J (2011) 22:775-780
2012-04-01	Quantifying vaginal tissue elasticity under normal and prolapse conditions by tactile imaging	Egorov, et al	Int Urogynecol J. 2012 April ; 23(4): 459-466
1979-00-00	Comparison of Marlex Mesh and Microporous Teflon Sheets When Used for Hernia Repair in the Experimental Animal	Elliott, Juler	The American Journal of Surgery
2004-09-13	Myotubes differentiate optimally on substrates with tissue-like stiffness: athological implications for soft or stiff microenvironments	Engler, et al	The Journal of Cell Biology, Volume 166, Issue 6, September 13, 2004, pages 877-887
2006-08-25	Matrix Elasticity Directs Stem Cell Lineage Specification	Engler, et al	Cell 126, 677-689
2002-01-01	Initial Steps and Embrittlement in the Thermal Oxidation of Stabilized Polypropylene Films	Fayolle, et al	POLYMER DEGRADATION AND STABILITY. 75:123-129
2002-01-01	Macroscopic Heterogeneity in Stabilized Polypropylene Thermal Oxidation	Fayolle, et al	POLYMER DEGRADATION AND STABILITY. 77:515-522

2000-01-01	Oxidation Induced Embrittlement in Polypropylene—a Tensile Testing Study	Fayolle, et al	POLYMER DEGRADATION AND STABILITY. 70: 333-340
2010-12-01	Parity negatively impacts vaginal mechanical properties and collagen structure in rhesus macaques	Feola, et al	Am J Obstet Gynecol. 2010;203:595.e1-595.e8.
2013-01-01	DETERIORATION IN BIOMECHANICAL PROPERTIES OF THE VAGINA FOLLOWING IMPLANTATION OF A HIGH STIFFNESS	Feola, et al	BJOG 120(2): 224--232
	REFERRAL PATTERNS AND COMPLICATIONS OF MIDURETHRAL SLINGS	Foote J., et al	
1984-01-01	Analytical, occupational and toxicological aspects of the degradation products of polypropylene plastics	Frostling, et al	Scand. J. Work. Environ. Health. 10: 163-69
2015-01-01	Biomaterials for Pelvic Floor Reconstructive Surgery: How Can We Do Better?	Gigliobianco, Get al	BioMed Research International
	Decellularization of tissues and organs	Gilbert, et al	
2009-01-01	Advances in Suture Material for Obstetric and Gynecologic Surgery	Greenberg, et al	Rev Obstet Gynecol. 2009;2(3):146-158
2011-01-01	Characterization of the degradation mechanisms of lysine-derived aliphatic poly (ester urethane) scaffolds	Hafeman, et al	Biomaterials 32 (2011) 419e429
2008-01-01	Plastics Additives Handbook, 6th Edition	Hans Zweifel, et al editors	
1965-08-01	Oxidative Degradation of Unstabilized Polypropylene	Hiltz, Beck	Textile Research Journal 1965 35: 716
2001-09-01	Mechanical Tension Controls Granulation Tissue Contractile Activity and Myofibroblast Differentiation	Hinz, et al	American Journal of Pathology, Vol. 159, No. 3
1984-01-01	Thermal Oxidation of Polypropylene in the Temperature Range of 120-280°C	Hoff, Jacobsson	Journal of Applied Polymer Science, Vol. 29, 465-480
2012-01-01	Histopathologic Host Response to Polypropylene-based Surgical Materials in a Rat Abdominal Wall Defect Model	Huber, et al	J Biomed Mater Res Part B 2012;100B:709-71
2015-07-30	Degradation of polypropylene in vivo: A microscopic analysis of meshes explanted from patients	Iakovlev, et al	J Biomed Mater Res Part B 2015;00B:000-00
2014-00-00	Evaluation of three purely polypropylene meshes of different pore sizes in an onlay position in a New Zealand white rabbit model	Jerabek, et al	Hernia (2014) 18:855--864

1986-01-01	Degradation of polypropylene in the human eye: A sem-study	Jongebloed, Worst	Documenta Ophthalmologica 64:143-152
2002-00-00	Influence of Mesh Materials on Collagen Deposition in a Rat Model	Junge, et al	J Invest Surg 2002; 15: 319-328
2001-01-01	Elasticity of the anterior abdominal wall and impact for reparation of incisinal hernias using mesh implants	Junge, et al	Hernia (2001) 5:113-118
2012-00-00	Mesh biocompatibility: effects of cellular inflammation and tissue remodelling	Junge, Karsten	Langenbecks Arch Surg (2012) 397:255--270
2005-01-01	The Effect of Degradation and Stabilization on the Mechanical Properties of Polymers Using Polypropylene Blends as the Main Example	Kausch H	MACROMOL. SYMP. 225:165-178
	Polymers in contact with the body	King, Lyman	Environmental Health Perspectives VoL 11,pp. 71-74, 1875
2005-05-01	Myeloperoxidase: friend and foe	Klebanoff S	Journal of Leukocyte Biology Volume 77
2001-01-01	Inflammatory response to a porcine membrane composed of fibrous collagen and elastin as dermal substitute	KLEIN, et al	JOURNAL OF MATERIALS SCIENCE: MATERIALS IN MEDICINE 12 (2001) 419-424
	Do Multifilament Alloplastic Meshes Increase the Infection Rate? Analysis of the Polymeric Surface, the Bacteria Adherence, and the In Vivo Consequences in a Rat Model	Klinge, et al	J Biomed Mater Res 2002; 63:765-771
2002-01-01	Functional and Morphological Evaluation of a Low-Weight, Monofilament Polypropylene Mesh for Hernia Repair	Klinge, et al	J Biomed Mater Res 2002; 63:129-136
1999-01-01	Foreign Body Reaction to Meshes Used for the Repair of Abdominal Wall Hernias	Klinge, et al	Eur J Surg 1999; 165: 665—673
2013-01-01	The Ideal Mesh?	Klinge, et al	Pathobiology 2013;80:169–175
2002-01-01	PVDF as a new polymer for the construction of surgical meshes	Klinge, et al	Biomaterials 23 (2002) 3487–3493
2015-01-01	High Structural Stability of Textile Implants Prevents Pore Collapse and Preserves Effective Porosity at Strain	Klinge, et al	BioMed Research International

2002-00-00	Functional and morphological evaluation of a low-weight, monofilament polypropylene mesh for hernia repair.	Klinge, et al	J Biomed Materials 21 Res. 2002;63:129-36
1998-01-01	Shrinking of Polypropylene Mesh in vivo: Experimental Study in Dogs	Klinge, et al	EUR. J. SURG. 164: 965-969
	Influence of implantation interval on the long-term biocompatibility of surgical mesh	Klosterhalfen, et al	Brit J Surg 2002 89:1043-1048
2005-01-01	The lightweight and large porous mesh concept for hernia repair	Klosterhalfen, et al	Expert Rev. Med. Devices 2(1)
2010-00-00	Biomechanical Findings in Rats Undergoing Fascial Reconstruction With Graft Materials Suggested as an Alternative to Polypropylene	Konstantinovic, et al	Neurourology and Urodynamics 29:488--493
1995-01-01	Surface and bulk analyses of the oxidation of polyolefins	Lacoste, et al	Polymer Degradation and Stability 49 (1995) 21-28
1993-01-01	Gamma-, Photo-, and Thermally-Initiated Oxidation of Isotactic Polypropylene	Lacoste, et al	Journal of Polymer Science: Part A Polymer Chemistry, Vol. 31, 715-722 (1993)
2011	Reinforcement Materials in Soft Tissue Repair: Key Parameters Controlling Tolerance and Performance -- Current and Future Trends in Mesh Development	Lefranc, et al	New Techniques in Genital Prolapse Surgery
	Ultrasound Evaluation of Polypropylene Mesh Contraction at Long Term after Vaginal Surgery for Cystocele Repair	Letouzey, et al	Abstracts / Journal of Minimally Invasive Gynecology 16 (2009) SI—S5I
2012-01-01	Is polypropylene mesh coated with antibiotics efficient to prevent mesh infection and contraction in an animal infectious model?	Letouzey, et al	Int Urogynecol J (2012) 23 (Suppl 2):S43—S244
	Characterizing the ex vivo mechanical properties of synthetic polypropylene surgical mesh	Li, et al	Journal of the Mechanical Behavior of Biomedical Materials 37 (2014) 48-55
2001-01-01	Peritoneal Adhesions: Etiology, Pathophysiology, and Clinical Significance	Liakakos et al.	Dig Surg 2001;18:260–273
1976-01-01	Subcutaneous Implants of Polypropylene Filaments	Liebert, et al	J. BIOMED MATER. RES. 10: 939-951
2011-01-01	Environmental and Health Hazards of Chemicals in Plastic Polymers and Products	Lithner, D	University of Gothenburg

1993-01-01	Migration of bacteria along synthetic polymeric fibers	Mahmoud, et al	J. Biomater. Sci. Polymer Edn, Vol. 4, No. 6, pp. 567-578
1996-01-01	Corrigendum	Mahmoud, et al	Journal of Biomaterials Science, Polymer Edition, 7:8, 751-752
	Polypropylene: The Definitive User's Guide and Databook	Maier, Calafut	
2011-01-01	Correlation between shrinkage and infection of implanted synthetic meshes using an animal model of mesh infection	Mamy, et al	Int Urogynecol J (2011) 22:47–52
2014-01-01	A porous tissue engineering scaffold selectively degraded by cell-generated reactive oxygen species	Martin, et al	Biomaterials 35 (2014) 3766e3776
1998-01-01	Comparison of the In Vivo Behavior of Polyvinylidene Fluoride and Polypropylene Sutures Used in Vascular Surgery	Mary, et al	ASAIO J. 44: 199-206
2015-03-24	Mechanical biocompatibility of highly deformable biomedical materials	Mazza, Ehret	Journal of the Mechanical Behavior of Biomedical Materials
2012-01-01	Development of polylactide and polyethylene vinyl acetate blends for the manufacture of vaginal rings	Mc Conville, et al	J Biomed Mater Res B Appl Biomater, 100(4), 891-895
2000-00-00	M-1/M-2 macrophages and the Th1/Th2 paradigm.	Mills, et al	J Immunol. 2000;164:6166-73.
2003-02-01	The many faces of macrophage activation	Mosser DM	Journal of Leukocyte Biology Volume 73, February 2003
2008-00-00	Exploring the full spectrum of macrophage activation.	Mosser, Edwards	Nat Rev Immunol. 2008;8:958-69.
2008-00-00	New Objective Measurement to Characterize the Porosity of Textile Implants	Muhl, et al	J Biomed Mater Res B Appl Biomater, 84(1), 176-183
2008-07-07	MECHANICAL PROPERTIES OF URETHRAL TISSUE	Müller, et al	Journal of Biomechanics 41(S1)
2014-07-17	Macrophage activation and polarization: nomenclature and experimental guidelines	Murray, et al	Immunity. 2014, 41:14-20
	Immunohistochemical analysis of host reaction to heavyweight-, reduced-weight-, and expanded polytetrafluoroethylene (ePTFE)-based meshes after short- and long-term intraabdominal implantations	Novitsky, et al	

2011-01-01	Degradation, infection and heat effects on polypropylene mesh for pelvic implantation: what was known and when it was known	Ostergard DR	Int Urogynecol J 22:771–774
1965-01-01	The Deterioration of Polypropylene By Oxidative Degradation	Oswald, Turi	POLYMER ENGINEERING SCIENCE. 5: 152-158
	Elongation of textile pelvic floor implants under load is related to complete loss of effective porosity, thereby favouring incorporation in scar plates	Otto, et al	Journal of Biomedical Materials Research: Part A
2010-00-00	Large-Pore PDS Mesh Compared to Small-Pore PG Mesh	Otto, et al	Journal of Investigative Surgery, 23, 190–196
2004-01-01	Design of Surgical meshes - an engineering perspective	Pandit, Henry	Technology and Health Care 12 (2004) 51-65
1997-12-01	Cell locomotion and focal adhesions are regulated by substrate flexibility	Pelham et al.	Proc. Natl. Acad. Sci. USA Vol. 94, pp. 13661–13665
2015-06-01	The Significant Morbidity of Removing Pelvic Mesh From Multiple Vaginal Compartments	Pickett, et al	Obstetrics & Gynecology
1979-01-01	Five Year Study of Tissue Reaction to Synthetic Sutures	POSTLETHWAIT RW	ANN. SURG. 190(1):54-57
2012-07-01	Revision joint replacement, wear particles and macrophage polarization	Rao, et al	Acta biomater. 2012;8:2815-23
	A non-biological model system to simulate in vivo mechanical behavior of prosthetic mesh materials	Rohrbauer, Mazza	JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS 20 (2013) 305 –315
	Combined biaxial and uniaxial mechanical characterization of prosthetic meshes in a rabbit model	Rohrbauer,et al	Journal of Biomechanics 46 (2013) 1626--1632
2005-00-00	The use of optical microscopy to follow the degradation of isotactic polypropylene (iPP) subjected to natural and accelerated ageing	Rosa, et al	Polymer Testing 24 (2005) 1022--1026
	Compositional and Failure Analysis of Polymers: A Practical Approach	Scheirs J	
	LONG-TERM PERFORMANCE OF POLYPROPYLENE GEOSYNTHETICS	Schneider	DURABILITY AND AGING OF GEOSYNTHETICS
	The Properties and Clinical Effects of Various Types of Mesh Used in Hernia Repair	Schumpelick, Klinge	Mesh Used In Hernia Repair
2012-01-01	Uniaxial Biomechanical Properties of 7 Different Vaginally Implanted Meshes for Pelvic Organ Prolapse	Shepherd et al.	Int Urogynecol J. 2012 May ; 23(5): 613–620

	UNIAXIAL TENSILE PROPERTIES OF SEVEN VAGINALLY IMPLANTED MESHES FOR UNIAXIAL TENSILE PROPERTIES OF SEVEN VAGINALLY IMPLANTED MESHES FOR	Shepherd, et al	Abstract
2007-01-01	Degradation Studies of Some Polymeric Biomaterials: Polypropylene (PP) and Polyvinylidene Difluoride (PVDF)	Silva, et al.	MATERIALS SCIENCE FORUM 539-43: 573-76
2006-07-06	The in vitro effect of hydrogen peroxide on vaginal microbial communities	Strus, et al	FEMS Immunol Med Microbiol 48 (2006) 56–63
2004-00-00	Hydrogen peroxide produced by Lactobacillus species as a regulatory molecule for vaginal microflora	Strus, et al	Med Dosw Mikrobiol. 2004;56(1):67-77
2011-01-01	Fish Bone Chemistry and Ultrastructure: Implications for Taphonomy and Stable Isotope Analysis	Szpak P	Journal of Archaeological Science (2011), doi: 10.1016/j.jas.2011.07.022
2010-01-01	Effect of Biomaterial Design Criteria on the Performance of Surgical Meshes for Abdominal Hernia Repair: A Pre-Clinical Evaluation in a Chronic Rat Model	Voskerician, et al	J. MATER. SCI.: MATER. MED. 21: 1989-1995
	Evaluation of Local Tolerance of Lightweight Meshes in an Animal Model abstract	Voskerician, et al	
2001-01-01	Biodegradation of Polyether Polyurethane Inner Insulation in Bipolar Pacemaker Leads	Wiggins, et al	J Biomed Mater Res (Appl Biomater) 58: 302–307, 2001
2008-01-01	On the Mechanisms of Biocompatibility	Williams DF	BIOMATERIALS. 29: 2941-53
1982-01-01	Review Biodegradation of Surgical Polymers	Williams DF	J. MATERIAL. SCIENCE. 17: 1233-1246
2014-09-26	There is no such thing as a biocompatible material	Williams DF	Biomaterials 35 (2014) 10009-10014
2014-08-01	Macrophage polarization in response to ECM coated polypropylene mesh	Wolf, et al	Biomaterials. 2014;35:6838-49
2013-01-01	Materials Characterization and Histological Analysis of Explanted Polypropylene, PTFE, and PET hernia meshes from an Individual Patient.	Wood, et al	J. MATER. SCI. MATER. MED. 24(4): 1113-1122
	Failure of Plastics and Rubber Products: Causes, Effects and Case Studies Involving Degradation	Wright D	
1993-01-01	Human plasma a2-macroglobulin promotes in vitro oxidative stress cracking of Pellethane 2363-80A: In vivo and in vitro correlations	Zhao, et al	Journal of Biomedical Materials Research Vol. 27, 379-389

1990-01-01	Cellular Interactions with biomaterials: in vivo cracking of pre-stressed Pelletthane 2363-80A	Zhao, et al	Journal of Biomedical Materials Research Vol. 24, 621-637
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Bates range of Ethicon documents relied upon by

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ETH.MESH.00130934	ETH.MESH.00130941
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ETH.MESH.18660347	ETH.MESH.18660992
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ETH.MESH.18887347	ETH.MESH.18887400

Date	Description
2015-01-01	Gynecare TVT Obturator System Instructions for Use
2015-01-01	Gynecare TVT EXACT Instructions for Use
2015-01-01	Gynecare TVT ABBREVO Instructions for Use
2015-01-00	Gynecare TVT Instructions for Use
	Operation Abbrevio Video
2006-11-20	C4001 POLYPROPYLENE MSDS
2005-04-13	C4001 POLYPROPYLENE HOMOPOLYMER MSDS
2004-03-12	C4001 POLYPROPYLENE HOMOPOLYMER MSDS

Document Date	Testimony
4/5/2012	Deposition of Piet Hinoul
4/6/2012	Deposition of Piet Hinoul
9/12/2012	Deposition of Charlotte Owens
9/13/2012	Deposition of Charlotte Owens
5/22/2013	Deposition of Daniel Burkley
5/23/2013	Deposition of Daniel Burkley
5/30/2013	Deposition of Martin Weisberg
5/31/2013	Continued Videotaped Deposition 30(b)(6)of Martin Weisberg Volume II
6/20/2013	Videotaped Deposition of Christophe Vailhe
6/21/2013	Continued Videotaped Deposition of Christophe Vailhe Volume II
6/26/2013	Deposition of Piet Hinoul
6/27/2013	Deposition of Piet Hinoul
7/24/2013	Videotaped Deposition of David Brown Robinson Volume I
7/25/2013	Videotaped Deposition of David Brown Robinson Volume II
7/29/2013	Videotaped Deposition of Joerg Holste
7/30/2013	Continued Videotaped Deposition of Joerg Holste
8/9/2013	Continued Videotaped Deposition of Martin Weisberg Volume III
9/11/2013	Videotaped Deposition of Brigitte Hellhammer
9/11/2013	Videotaped Deposition of David Brown Robinson Volume III
9/11/2013	Deposition of Daniel Lamont
11/6/2013	Deposition of Richard Isenberg
1/7/2014	Videotaped Deposition of Thomas A. Barbolt
1/8/2014	Deposition of Thomas Barbolt Volume II
1/13/2014	Deposition of Piet Hinoul
2/3/2014	Deposition of Daniel Smith
2/4/2014	Deposition of Daniel Smith
2/11/2015	Trial testimony of Katrin Elbert